

**MUNICIPALITY OF MONROEVILLE
ALLEGHENY COUNTY, PENNSYLVANIA**

BEFORE MUNICIPAL COUNCIL OF THE MUNICIPALITY OF MONROEVILLE

**AN ORDINANCE OF THE MUNICIPALITY)
OF MONROEVILLE TO PROVIDE FOR) **ORDINANCE NO. 2075**
AMENDMENT OF THE 1998-2002 CAPITAL)
IMPROVEMENT PROGRAM)**

BE IT ORDAINED AND ENACTED by the Municipal Council of the Municipality of
Monroeville, Pennsylvania:

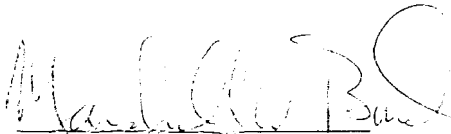
Section 1: That for the years 1998-2002, the capital improvement budget is amended as
per Exhibit A.

Section 2. All ordinances, or parts of ordinances, inconsistent with this ordinance are
hereby repealed.

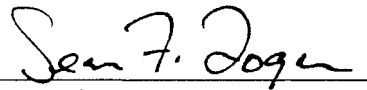
ORDAINED AND ENACTED this 14th day of April, 1998.

ATTEST:

MUNICIPALITY OF MONROEVILLE



Marshall W Bond
Municipal Manager



Sean F. Logan
Mayor

ENTERED IN LEGAL BOOK: April 24, 1998

SUMMARY OF CAPITAL IMPROVEMENTS FUND

YEAR	1998 ORIGINAL BUDGET	1998 ORIGINAL REVISED BUDGET	1998 FINAL REVISED BUDGET	1999 BUDGET	2000 BUDGET	2001 BUDGET	2002 BUDGET	TOTAL BUDGET
<u>GENERAL FUND</u>								
ROADS	\$557,679	\$146,840	\$207,266	\$696,881	\$395,313	\$412,500	\$426,250	\$2,138,210
TRAFFIC CONTROL	205,000	185,000	185,000	122,500	50,000	50,000	50,000	\$457,500
MISCELLANEOUS	1,520,675	1,010,409	897,009	366,683	241,683	32,000	32,000	\$1,569,375
PARKS	303,626	311,126	196,126	237,700	124,000	119,000	119,000	\$795,826
STORM SEWERS	119,500	109,500	109,500	60,000	50,000	50,000	50,000	\$319,500
ROADS & BRIDGES	407,280	307,280	337,280	1,202,000	625,000	0	0	\$2,164,280
VEHICLES	<u>756,850</u>	<u>524,500</u>	<u>478,800</u>	<u>777,100</u>	<u>777,100</u>	<u>641,500</u>	<u>504,800</u>	<u>\$3,179,300</u>
TOTAL CAP. PROJECTS	\$3,870,610	\$2,594,655	\$2,410,981	\$3,462,864	\$2,263,096	\$1,305,000	\$1,182,050	\$10,623,991

Estimated Funds Available:

Cable TV Funds	93,000	93,000	93,000
1996 Bond Issue	1,800,000	1,800,000	1,800,000
1997 Estimated Surplus-Gen Fund/Cable Fund	<u>0</u>	<u>700,000</u>	<u>517,981</u>
Sub-Total	\$1,893,000	\$2,593,000	\$2,410,981
Net Difference	\$1,977,610	\$1,655	\$0

SANITARY SEWER FUND

SANITARY SEWERS	<u>\$931,343</u>	<u>\$429,518</u>	<u>\$497,268</u>	<u>\$594,075</u>	<u>\$185,000</u>	<u>\$185,000</u>	<u>\$185,000</u>	\$1,646,343
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Estimated Funds Available:

1997 Est. Surplus - Sanitary Sewer Fund	\$0	\$124,894	\$192,644
1998 Sewer Usage Fee	<u>166,746</u>	<u>304,624</u>	<u>304,624</u>
NET DIFFERENCE	\$764,597	\$0	\$0
SANITARY SEWER FUND			

MUNICIPALITY OF MONROEVILLE

1998 ROAD PAVING PROGRAM

#	Ward	Street Code	Street	Begin	End	Comments	Last Year	Length	Sq. Yd.	Unit	1998	
							Paved					Cartway
1	2	228	Harvard Road	Princeton Road	Rush Valley Road	Road has little or no potholes. Surface cracks need sealed.	86/87	24	2750	7333.333333	\$1.30	\$0.00
2	2	340	Leslie Drive	Haymaker Road	Coleman Drive	Road has minor cracks. Surface cracks need sealed.	85	22	2000	4888.888889	\$1.30	\$0.00
3	2	229	Harvest Drive	Old Concord Rd.	End	Mill and Pave entire Road.	84/87	24	1954	5209.6	\$7.50	\$47,572.00
4	2	183	Foxwood Drive	Saunders Station	Foxwood Dr.	Mill and Pave entire Road.	85	24	3062	8166.4	\$7.50	\$0.00
5	2	656	Urick Court	Urick Lane	End	Mill and Pave entire Road.	85	26	422	1220.266667	\$7.50	\$0.00
6	3	498	Pauline Drive	Logans Ferry Road	Cul-de-Sac	Pave Entire Road.	88	28	954	2968	\$6.00	\$12,084.00
7	7	200	Garden City Dr.	Fieldstone Drive	Greenleaf Drive	Mill and Pave entire Road.	87	28	2540	7902.222222	\$7.50	\$0.00
8	4	277	Interlaken Drive	Luzerne Drive	End	Pave Overlay, Improve Drainage.	85	22	528	1290.666667	\$5.50	\$5,330.00
9	3	572	Shackelford Drive	Scott Drive	End	Mill and Pave entire Road.	85	22	2006	4904.533333	\$7.50	\$29,558.00
10	3	568	Scott Drive	Old Wm. Penn Hwy.	Shackelford Dr.	Mill and Pave entire Road.	85	22	1162	2839.466667	\$7.50	\$17,250.00
11	3	529	Revere Drive	Logans Ferry Rd.	Colonial Dr.	Road has Minor Cracks. Surface Cracks need Sealed. Reserve if Future Drainage Improvements are Warranted.	85	22	898	2194.133333	\$1.30	\$0.00
12	5	386	McMasters Drive	Wm. Penn Highway	My Way	Pave, Mill 1/4 of Road.	85	24	2218	5913.6	\$6.00	\$0.00
13	5	317	Kenmar Drive	Center Road	McMasters Dr.	Pave, Mill 1/4 of Road.	85	24	1478	3942.4	\$6.00	\$0.00
14	5	596	Sunset Drive	McMasters Drive	End	Pave, Mill 1/4 of Road.	85	24	1214	3238.4	\$6.00	\$0.00
15	7	101	Cottonwood Dr.	700 Garden City Dr.	Cottonwood Dr.	Pave, Mill 1/4 of Road.	87	24	4435	11827.2	\$6.00	\$54,364.00
16	7	237	Heartwood Drive	Cottonwood Dr.	Cottonwood Dr.	Pave, Mill 1/4 of Road. May Reserve for Future Sewer Work.	88	20	1584	3520	\$6.00	\$18,792.00
17	5	124	Dennis Court	Jamison Lane	End	Pave Entire Road.	87	24	211	563.2	\$5.50	\$4,012.00
18	6	374	Maine Street	Bellwood Avenue	Monroeville Rd.	Road has minor cracks. Surface cracks need sealed.	85	24	1214	3238.4	\$1.30	\$0.00
19	6	447	Ohio Street	James Street	Monroeville Blvd.	Pave Entire Road.	85	16	2218	3942.4	\$5.50	\$18,304.00
20	All		Public Works Complex							14595.33333	\$6.00	\$0.00

TOTAL.....

\$207,266.00

Municipality of Monroeville Traffic Control Capital Improvements 1998

Job No.	Street Location	Ward No.	Description	Remarks	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs
1	Haymaker Road and McGinley Road	1 2	Signal equipment needs to be totally replaced. A design including new poles, new mast arms, new signal equipment is warranted. Install Opticom	Project to be coordinated with rebuilding of Mosside and Haymaker Intersection. COORDINATION WITH PENNDOT PROJECT	\$80,000				
2	Value City/Chuck E. Cheese/ Route 22	6	Upgrade signal controller, signal heads and and pedestrian crossing. Install three new poles. Install Opticom.	Private Participation of land and business owners. DESIGN PHASE ALREADY IN PROGRESS	\$30,000				
3	Electrified Street Signs	5 3 5	Volunteer Fire Co. #4 Volunteer Fire Co. #5 Volunteer Fire Co. #1	SAFETY HAZARD	\$12,000 \$12,000 \$6,000 \$30,000		\$30,000		
4	Route 22 and McMasters Drive		Install Walk/Don't Walk Pedestrian Signals. New Pushbuttons. Update PennDOT Permit.	(1999)	\$18,000		\$18,000		
5	Wyngate Drive and Monroeville Blvd.	5	Install Walk/Don't Walk Pedestrian Crossing. Install Opticom. Update PennDOT Permit	REVISION	\$25,000	(\$20,000) \$25,000	\$20,000		
6	Loehmann's Plaza and Route 48	2,5	New PennDOT Permit. Install Walk/Don't Walk Pedestrian Signals. Install Opticom. Coordinate project with reconstruction of Mosside Blvd and Haymaker Road.	COORDINATION WITH PENNDOT PROJECT	\$5,000				
7	Circle W Drive and Northern	5	Complete New Signal Required to Meet Code.	Private participation: Westinghouse agrees to contribute to 50% of all costs Total Cost: \$70,000	\$35,000				
8	McClure Road/Cavitt Road & Route 22	4	Install Preview Light on Route 22 Eastbound Approach. Improvement will Allow Motorist to Anticipate Signal Phase Prior to Entering Intersection. Also Split Side Road Phase for OPTICOM			\$4,500			
9	Signal Pavement Markings.	All	Replace pavement marking at all major intersections. Pedestrian crosswalks, stop bars, arrows and longitudinal lines. Dual left turns become a safety hazard when the dividing line becomes worn. Use plastic material, not paint.		\$30,000				
10	Various Maintenance	All	Traffic Signal Maintenance to be determined			\$50,000	\$50,000	\$50,000	\$50,000
TOTAL.....					\$185,000	\$122,500	\$50,000	\$50,000	\$50,000

1998 \$ 185,000.00
 1999 \$ 122,500.00
 2000 \$ 50,000.00
 2001 \$ 50,000.00
 2002 \$ 50,000.00

TOTAL \$ 457,500.00

Municipality of Monroeville Miscellaneous Capital Improvements 1998

Job No.	Description	Dept.	Comments	Remarks	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs	
1	Geographic Information System Digital Municipal Base Mapping	ENG./PLAN.	Parcel Information 48 Block Tiles Additional Generalized Map Data Hardware/Software Additions Work continued from 1996-1997	Scanning 30 Ea \$ 10 \$300 Raster to Vector Conversion 36 Ea \$1,200 \$67,700 19 Ea \$2,600 \$0 Ortho Photo \$10,000 REVISION Large Format Scanner \$10,000		\$10,000				
2	Impact Study	PLAN.	A study to establish a fee to new development for funding of transportation capital improvements.	REVISION	\$ 24,000					
3	Removal of Fuel Oil Tank at the abandoned Sewage Treatment Plant	ENG./PLAN.	Removal of underground fuel tanks as mandates by PennDER. This tank is suspect that leakage has occurred. Cost of removal and mitigation of contaminated soils cannot be accurately estimated.	1998 \$50,000	\$ 50,000					
4	New Sidewalks Location to be Determined	ENG./PLAN.	Sidewalks are becoming a reality. Missing links exist on public lands or non-committed private property. Locations to be determined on an "as needed" basis.	Construction of Sidewalks Right of Way Purchase	\$ 20,000	\$20,000	\$20,000	\$20,000	\$20,000	
5	Wildflower plantings Locations to be determined	ALL	Areas that are regularly maintained by the Municipality can be planted with wildflowers. This will reduce costs of frequent mowing and add beauty to road intersections.	REVISION	\$ 6,000 \$ (3,000)	\$6,000	\$6,000	\$6,000	\$6,000	
TOTAL ENGINEERING/PLANNING					TOTAL	\$ 187,000	\$26,000	\$26,000	\$26,000	\$26,000
6	Finance	FIN/TAX	AS/400E System computer system	REVISION	\$ 35,000 \$ (24,000)	12,000	12,000			
7	Finance	FIN	Color Laser Printer		\$ 5,500					
8	Finance	FIN	Various Department Personal Computers (3)		\$ 7,500					
TOTAL GENERAL GOVERNMENT					TOTAL	\$ 24,000	\$ 12,000	\$ 12,000	\$ -	\$ -
9	Fire Department	PS.	SCBA upgrade of breathing apparatus BID-1994 REQUIREMENT OF NFPA	REVISION 1998	\$ (24,000) \$ 40,000					
10	Fire Department	PS.	Hose	1998	\$ 22,000					
11	Fire Department	PS.	Engine 31	Paint/Rehab	\$35,000	1998	\$ 30,000			
12	Fire Department	PS.	Defibrillators		\$65,000	1998	\$ 65,000			
13	Fire Department	PS.	Engine 11	Paint/Rehab	\$80,000	1998	\$ 55,000			
14	Fire Department	PS.	Fire Equipment		\$20,000	1998	\$ 20,000			
15	Fire/Police	PS	DC Powered Back-up		\$8,600	1998	\$ 8,600			
16	Fire/Police/911	PS	Software and Hardware for CAD System-MDT's	Grant-\$150,000 and 911 Funding	REVISION	\$ (371,366) \$ 557,050	\$185,683	\$185,683		
17	Police	PS	Computer for the Traffic Division	Computer, Software, and Laser Printer		\$ 5,000				
18	Police	PS	Automated Telephone System for Community Safety Division	Automated Telephone System	\$ 3,000 REVISION	\$ 3,000 \$ (3,000)				
19	Police	PS	Detective Division	New Camera System Laser Printer Voice Stress Analyzer (Carryover 1997)	\$ 3,500 \$ 2,000 \$ 10,000	\$ 15,500				
20	Police	PS	Patrol Division	Pepper Spray Replacement		\$ 1,200				
21	Demolitions	PS.	DEMOLITIONS-PUBLIC SAFETY HAZARD	ANNUALLY	\$6,000	\$ 6,000	\$6,000	\$6,000	\$6,000	

Municipality of Monroeville Miscellaneous Capital Improvements 1998

Job No.	Description	Dept.	Comments	Remarks	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs	
TOTAL PUBLIC SAFETY					TOTAL	\$ 453,984	\$203,683	\$203,683	\$6,000	\$6,000
22	Access for the Disabled. --Public Works Business Office	PW	Construct front door access ramp. Install grab bar in one restroom. ADA REQUIREMENT	Estimated Construction Costs: \$15,000 Encumbered COG GRANT-50% \$15,000						
23	Public Works	PW	Redo Pump Station	\$ 90,000.00 1998	\$ 90,000					
24	Public Works	PW	Sensors for Locating Sewers		1998 \$ 5,000					
25	Public Works	PW	Recovery Machine freon from air conditioning		1998 \$ 3,000					
26	Public Works	PW	Dog Shelter sound proofing		REVISION \$ (5,000)	\$5,000				
27	Public Works	PW	Dog Shelter Fence around building		1998 \$ 3,000					
28	Public Works	PW	Dog Shelter Roof		REVISION \$ 8,000					
29	Public Works	PW	New Mechanic's Rack w/hoist for fire trucks	\$ 80,000.00 1998	\$ 80,000	\$80,000				
30	Public Works	PW	Storage Bins		\$ 15,000					
31	Public Works	PW	Wood Chipper	90% Grant Funded \$ 2,000.00 1998	\$ 2,000					
TOTAL PUBLIC WORKS					TOTAL	\$ 133,500	\$86,000	\$0	\$0	\$0
32	Senior Center	SR.	Replace HVAC System	1998 \$43,000	\$ 43,000					
33	Senior Center	SR.	Floor Tile / Shuffle Board Floor Tile Lifting causing Seniors to trip.	Partially Grant Funded	\$ 4,000					
34	Senior Center	SR.	Replace only remaining manual door with an automatic door	Grant Funded	\$ -					
35	Senior Center	SR.	Replace old Copier	Grant Funded	\$ -					
36	Senior Center	SR.	Replace remaining Paper & Tile			\$10,000				
37	Senior Center	SR.	Replace 15 card tables in parlor		\$ 1,275					
38	Senior Center	SR.	Replace 15 Banquet Tables in Fellowship Hall		\$ 2,250					
TOTAL SENIOR CITIZEN'S					TOTAL	\$ 50,525	\$10,000	\$0	\$0	\$0
39	Historical Society	Hist.	Sewage for Historical Society		1999	\$30,000				
40	Historical Society	Hist.	Roof for Historical Society Valley for slate roof		1998	\$ 25,000				
41	Old Stone Church	Hist.	Replace Stained Glass Windows		REVISION	\$ 23,000				
TOTAL HISTORICAL SOCIETY					TOTAL	\$ 48,000	\$30,000	\$0	\$0	\$0

1998	\$897,009	General Government	\$ 24,000	TOTAL	\$	897,009	\$	366,683	\$	241,683	\$	32,000	\$	32,000
1999	\$366,683	Engineer/Planning	\$ 187,000											
2000	\$241,683	Public Service	\$ 453,984											
2001	\$32,000	Public Works	\$ 133,500											
2002	\$32,000	Sr. Citizen's	\$ 50,525											
		Historical Society	\$ 48,000											
		Library	\$0											
TOTAL	\$1,569,375	TOTAL	\$ 897,009											

DISCUSSION ITEM-PUBLIC WORKS TEN BAY GARAGE UNIT-\$200,000

Municipality of Monroeville Recreation, Parks and Human Service Capital Improvement 1998

Job No.	Park Location	Ward	Description	Comments	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs
1	All	All	Ball field Pulverizer/Roller on John Deere Utility Tractor - attaches to 3-point hitch	Replacement for Gill 900 Pulverizer - this unit is worn out. Will be able to prep infields faster, more completely.	\$ 3,500				
2	Evergreen Monroeville Overlook	1,6,7	Tire Stops & Speed Bump	REVISION Replacement for deteriorating & broken concrete stops. Made of UV-resistant, recycled plastic.	\$ (3,500)	\$ 3,500			
3	All	All	Truck-Mounted Vacuum	Gas engine, discharges into truck bed. Will make it possible to remove leaves & other debris from court surfaces, pavilions, & other locations		\$ 2,500			
4	Evergreen	7	Electric Service Pavilion	New electrical service to Evergreen Park pavilion. Needed to keep up with demand for picnic reservations.		\$ 5,500			
5	Alpine	4	Electric Service Pavilion	New electrical service to Alpine Park pavilion. Needed to keep up with demand for picnic reservations.		\$ 5,500			
6	Hawkeye	4	Furnace - House	Old unit due for replacement (20+ years old). Will take advantage of new gas service in that area & replace oil unit with a gas furnace.	\$ 3,000				
7	Valley	4	Breakaway Fence - Ball Field	Replacement for safety fence destroyed by flooding--installation by Parks Crew. To prevent balls & players from entering Abers Creek.	\$ 1,000				
8		1,2,5,6	Park Pathway Paving Renovation. COMMITTED IN GRANT APPLICATION	Completion of paving renovation program for park pathways & parking lot. COG matching grant pending.	\$ 29,126				
9	All	All	Ball Field In-Field Tune-up	REVISION Edge, condition, fill and laser grade infields. Evergreen, Heritage 1 & 2, Valley, Bellwood, Patton, Pioneer, Beechwood, Monroeville, and Overlook	\$ (15,000)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
10	All	All	Reservations Software - Replacement	REVISION For booking picnic & ball field reservations--works in concert with existing program registration software. Would replace old software system that is plagued with problems.	\$ 25,000				
11	All	All	Office Expansion - CARRY FORWARD	REVISION Expansion of offices at Public Works Building for Recreation & Public Works --includes architectural design & all construction costs.	\$ (3,000)	\$ 3,000			
12	Hawkeye	4	Parking Lot Expansion	REVISION Extension of existing parking lot to better handle parking needs for ball field & pavilion use.	\$ (140,000)	\$ 22,000			
13	Alpine	4	Parking Lot Addition	REVISION Addition of a second parking lot off Cavit Road to better handle overflow parking from ball field & pavilion use. Includes extending park pathways to meet new lot & correcting existing water drainage problems in this area.		\$ 45,000			
14	All	All	Tennis/Basketball Court Resurfacing	REVISION Repair and resurfacing as needed. \$15,000/year.	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
15	All	All	Tennis/Basketball Court Fencing Rehabilitation	REVISION Renovation of existing fencing surrounding court areas.	\$ (5,000)	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
16	All	All	Backstop Renovations	REVISION Renovation of backstops, sidelines, & outfield fencing. \$6,000/yr. Last 2 years of program.	\$ (9,000)	\$ 6,000	\$ 6,000		
17	Beechwood	2	Beechwood Park Playground Renovation. CARRY FORWARD	CHANGE DESCRIPTION TO INFIELD IMPROVEMENTS Major rebuilding of playground. \$25,000 grant from DGNR.	\$ 50,000				

Municipality of Monroeville			Recreation, Parks and Human Service		Capital Improvement 1998				
Job No.	Park Location	Ward	Description	Comments	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs
18	All	All	Replacement Mower Pan. CARRY FORWARD	12' rear-mount mower pan for John Deere tractor. Replace deteriorated mid-mount pan.	\$ 9,000				
19	All	All	Replacement Play Equipment CARRY FORWARD	Replacement for play equipment as needed.		\$ 6,200			
				REVISION	\$ 5,000	\$ (5,000)			
20	Beechwood	2	Renew Electrical Service to Beechwood Pavilion	Electrical service to this pavilion was ended some time ago due to deteriorated wiring. Needed to keep up with demand for picnics.		\$ 4,500			
21	Monroeville	1	Additional electrical service Monroeville Park. CARRY FORWARD	Pavilion area electrical service upgrade.		\$ 5,500			
22	All	All	Digitizing of Park Drawings/GIS	Digitizing of existing park drawings & locating of current features & utility lines.	\$ 5,000	\$ 5,000	\$ 5,000		
23	All	All	Comprehensive Recreation Plan/ Master Site Plan. CARRY FORWARD	Comprehensive Recreation, Parks, & Open Space Plan/Master Site Plan for the community park. \$25,000 grant from DCNR.	\$ 25,000				
24	All	All	Park Boundary Surveys	Mark park boundaries with monuments.	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
				REVISION	\$ (5,000)				
25	All	All	Gypsy Moth Spraying	Spraying of Parks & other properties in Monroeville for eradication of the gypsy moth.		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
26	All	All	Preliminary Designs - Community Park Major Facilities	Preliminary design of the ball field complex, amphitheater/pavilions, & recreation center planned for community park. Applying for matching funds from the DCNR		\$ 32,500			
27	All	All	Replacement industrial mower. CARRY FORWARD	New industrial mower to replace recently retired Ford tractor. Includes trailer.		\$ 43,000			
28	All	All	Miscellaneous	Projects to be identified. \$70,000/year			\$ 70,000	\$ 70,000	\$ 70,000
29	All	All	Pavilion/Tents	REVISION	\$ 5,000				
30	All	All	Audio Visual Equipment	REVISION	\$ 5,000				
31	All	All	Dek Hockey/Sand Volleyball	REVISION	\$ 24,000				
32	All	All	Monroeville Park Pavilion	REVISION	\$ 9,000				

TOTAL \$ 196,126 \$ 237,700 \$ 124,000 \$ 119,000 \$ 119,000

1998 \$ 196,126
1999 \$ 237,700
2000 \$ 124,000
2001 \$ 119,000
2002 \$ 119,000

TOTAL \$ 795,826

Municipality of Monroeville Storm Sewers Capital Improvements

Job No.	Priority	Street Location	Ward No.	Comments	Cost Basis
1		Urck Lane	2	Backyard Area of 138 Urck Lane Storm sewer failure causing erosion Erosion threatening sanitary sewer and manhole WORK TO BE PERFORMED BY PUBLIC WORKS	
2		Pineview & Woodhaven Drainage	3,7	Connect storm sewer from Pineview to Woodhaven Obtain Rights-of-Way WORK TO BE PERFORMED BY PUBLIC WORKS	Survey Materials and Equipment
3		Sunset Drive	5	Backyard Drainage out of control Water from multiple properties flooding in back yards.	Survey is Complete Materials and Equipment
4		Penn View Drive and Berma Road	5	Backyard drainage causing damage to lower property Owners	Work to be performed by Public Work Survey Materials and Equipment
5		West Patty Lane	4	Erosion of hillside caused by open joints in old storm sewer pipe. July 1, 1997 flood damage. Three areas above former Penn State property.	Survey Materials and Equipment Work to be performed by Public Work
6		Saunders Station and Woodlawn Drive	2	Water runoff from multiple properties flows through backyards and causes damage on the lower lots. July 1, 1997 flood damage.	Survey Materials and Equipment Work to be performed by Public Work
7		Knollwood Drive	2	Stormwater runoff from Knollwood Drive has washed-out a large area of the slope behind homes. Active erosion 1330 Knollwood Drive	Survey Materials and Equipment Work to be performed by Public Work
8		Logans Ferry, Colonial and Revere Drive	3	Storm water from streets causes backyard flooding Storm water on Colonial and Revere does not enter inlets resulting in heavy road surface flow Hydraulic analysis needed on entire storm water system	Survey Construction Costs Public Works and/or Private Contract
9		Ricky Drive, Barbara An Drive and Evergreen Dr	7	Storm water diversion ditches are congested and obliterated. Need to establish new rights-of-way Construct new drainage channels and/or pipes	Survey Materials and Equipment Work to be performed by Public Work
10		Northwestern Drive North of Beechwood Park Entrance	2	Runoff water from Beechwood Park to Saunder Station Road accumulates and flows rapidly causing erosion and flooding to properties facing Northwestern Drive Miscellaneous Storm Sewer Projects	Survey Materials and Equipment Work to be performed by Public Work
11		Hillsdale Drive	2	Backyard of 1366 to 1378 Hillsdale Drive Backyard Drainage out of control Water from multiple properties flooding in back yards. WORK TO BE PERFORMED BY PUBLIC WORKS	Survey Materials and Equipment 600 feet 15" pipe 4 storm water inlets
12		Illini Drive/Citadel Drive	4	Erosion of hillside caused by uncontrolled discharge of storm water from municipal sewer draining Illini Drive Install pipe along Illini Drive to redirect water to Hawkeye Drive. Restore damage to Citadel area backyards. WORK TO BE PERFORMED BY PUBLIC WORKS	Materials and Equipment 800 feet 15" pipe 4 storm water inlets
13		Lasalle Drive	1	Storm water on road surface accumulates due to lack of adequate inlets. Install 15" pipe and storm water inlets All work will be within the right-of-way of Lasalle Drive. WORK TO BE PERFORMED BY PUBLIC WORKS	Materials and Equipemnt 1200 feet 15" pipe 8 storm water inlets
14				Miscellaneous Storm Sewer Projects	

1998	\$109,500
1999	\$60,000
2000	\$50,000
2001	\$50,000
2002	\$50,000

TOTAL \$319,500

1998 PROJECTS

	1999 Costs	2000 Costs	2001 Costs	2002 Costs
\$3,000				
\$0,500				
\$6,000				
\$5,500				
\$4,000				
(\$10,000) \$10,000	10,000			
\$5,000				
\$22,500				
\$5,000				
\$8,000				
\$17,000				
\$11,000				
\$16,000				
	\$50,000	\$50,000	\$50,000	\$50,000
	\$109,500	\$60,000	\$50,000	\$50,000

Municipality of Monroeville Roads and Bridges Capital Improvements 1998

Job No.	Priority	Street Location	Ward No.	Comments	Remarks	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs
1		Northern Pike Bridge over Turnpike	5	Widen bridge from 2 lanes to 3 or 4 lanes.	Partnership program with PennDOT and Turnpike Commission.-Concept Stage Construction year: 2000 \$600,000			\$ 600,000		
2		Old Wm. Penn Hwy. Bridge No. 2 Brookside Trailer Park	4	Install guide rail, curbs, sidewalk, parapet. Rebuild northeast wingwall, riprap, clean & paint beams.	Construction year: 1998 - 1999	\$ 10,000	\$ 65,000			
3		Route 48 and Old Wm. Penn Hwy., Old Haymaker Road	3	Widen Route 48 from parkway ramps toward Beatty Road, widen Old Wm. Penn Hwy. for additional turning lanes State and Municipal participation.	Total Construction Costs: \$2,100,000 PennDOT PARTICIPATION R-O-W REVISION \$ 225,000 Municipal Costs: DESIGN REVISION \$ (25,000) 1998 Design \$ 50,000 CONST REVISION \$ (300,000) 1998 Construction Costs \$ 300,000 \$600,000 \$650,000		\$ 537,000			
4		Garden City Dr. Culvert Repair	7	Restore concrete foundations of arch culvert	Deteriorating condition \$25,000			\$ 25,000		
5		Old William Penn Widening Project	7	Widen Old William Penn From Garden City Drive to Duff Road	Relieve congestion and Traffic Safety	\$ 30,000	\$ 300,000			
6		Abers Creek	4	Rebuild Abers Creek New Catch Basins Drainage and Base	Tar and Chip Storm Sewers	\$ 10,000 \$ 3,500				
7		Paving Hawkeye Drive New Road	4	Three residents petitioned the Municipality to construct improved pavement surface.	Drainage pipe and inlets, Stone Survey \$ 1,000 \$ 1,500 Tar and Chip \$ 1,280	\$ 3,780				
8		Darrow Road	1	Residents petitioned the Municipality to construct improved pavement surface.	Build and pave from tar and chip, short street \$ 30,000	\$ 30,000				
TOTAL.....						\$ 337,280	\$ 1,202,000	\$ 625,000	\$0	\$0

1998 \$ 337,280
 1999 \$ 1,202,000
 2000 \$ 625,000
 2001 \$ -
 2002 \$ -
TOTAL \$ 2,164,280

Municipality of Monroeville					Vehicles	Capital Improvements 1998					
Dept No.	Type	Make/Model	Year	Mileage	Comments/Condition	Veh. Numb.	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs
POLICE											
2120	Auto	Ford Crown Victoria	1997	8,920	Chief	1			25,100		
2120	Auto	Ford Crown Victoria	1997	6,698	Assistant Chief	2			25,100		
2120	Auto	Ford Crown Victoria	1996	26,621	Patrol	3		24,700			25,900
2120	Auto	Ford Crown Victoria	1996	50,880	Patrol Revised	4		0	25,100		25,900
2150	Auto	Ford Crown Victoria	1995	63,921	Community Safety	5	24,350			25,500	
2150	Auto	Ford Crown Victoria	1995	53,442	Community Safety	6	24,350			25,500	
2120	Truck	4 X 4	1995	69,164	Traffic	7	30,350			31,000	
2120	Auto	Ford Crown Victoria	1996	37,719	Patrol	8		24,700			25,900
2120	Auto	Ford Crown Victoria	1996	40,155	Patrol	9		24,700			25,900
2120	Auto	Ford Crown Victoria	1995	42,816	K-9	10	0	24,700		25,500	
2120	Auto	Ford Crown Victoria	1996	31,872	Supervisor	11		24,700			25,900
2120	Auto	Ford Crown Victoria	1996	52,808	Patrol	12	24,350	0			25,900
2120	Auto	Ford Crown Victoria	1997	2,994	Municipal Manager	13		24,700			25,900
2120	Auto	Ford Crown Victoria	1996	44,294	Patrol	14		24,700			25,900
2120	Auto	Ford Crown Victoria	1995	43,714	K-9	15	0	24,700		25,500	
2120	Auto	Ford Crown Victoria	1997	13,901	Patrol	16			25,100		
2120	Auto	Ford Crown Victoria	1996	45,090	Patrol	17		24,700			21,900
2120	Auto	Ford Crown Victoria	1997	19,743	Patrol	18			25,100		
2120	Auto	Ford Crown Victoria	1997	15,769	Patrol	19			25,100		
2120	Auto	Ford Crown Victoria	1995	65,719	Juvenile	20	24,350			25,500	
2120	Auto	Ford Crown Victoria	1996	56,506	Patrol	21	24,350	0			21,900
2120	Auto	Ford Crown Victoria	1996	51,953	Patrol	22	24,350	0			21,900
2120	Truck	4 X 4	1995	72,438	Patrol	23	30,350			31,000	
2120	Auto	Ford Crown Victoria	1997	17,875	Supervisor	24			25,100		
2120	Auto	Ford Crown Victoria	1997	11,732	Supervisor	25			25,100		
2120	Auto	Ford Crown Victoria	1997	14,094	Patrol	26			25,100		
2130	Auto	Ford Crown Victoria	1997	4,593	Detective	27			25,100		
2130	Auto	Ford Crown Victoria	1997	3,039	Detective	28			25,100		
2120	Auto	Ford Crown Victoria	1994	18,274	Lieutenant	29	0	24,700		25,500	
2130	Auto	Ford Crown Victoria	1994	15,435	Detective	30	0	24,700		25,500	
2130	Auto	Ford Crown Victoria	1994	17,048	Detective	31	0	24,700		25,500	
2120	Auto	Ford Crown Victoria	1989	59,104	Vehicle Maintenance	32	0	24,700		25,500	
2130	Auto	Acura Legend	1989	146,102	Detective	33					
2130	Auto	Pontiac Firebird	1987	48,963	Detective	34					
2130	Auto	Mitsubishi 3000GT	1994	6,526	Detective	35					
2130	Auto	GMC VAN	1995	1,035	Detective	36					
2120	Auto	Ford Crown Victoria	1996	0	Patrol Revised	37		0	25,100		21,900
2120	Motorcycle	Harley Davidson MC	1997		Traffic	T-1			10,000		
2120	Motorcycle	Harley Davidson MC	1997		Traffic	T-2			10,000		
2120	Motorcycle	Harley Davidson MC	1997		Traffic	T-3			10,000		
2120	Motorcycle	Harley Davidson MC	1997		Traffic	T-4			10,000		
2120	Van	Ford	1996		Traffic	T-9			21,100		
FIRE											
2200	Firetruck	International Historical	1939		ANTIQUE	F-1					
2200	Firetruck	Seagrave Pumper	1992		2012	F-1					
2200	Firetruck	Alf Pumper	1985		2005	F-1					
2200	Firetruck	Quality Pumper	1986		2006	F-3					
2200	Firetruck	International Command	1994		2014	F-3					
2200	Firetruck	Pierce Aerial	1983		2003	F-4					
2200	Pumper	E. One	1996		2016	F-4					
2200	Pumper	Cyclone 1500 GPM	1989		2009	F-5					

Municipality of Monroeville				Vehicles		Capital Improvements 1998					
Dept No.	Type	Make/Model	Year	Mileage	Comments/Condition	Veh. Numb.	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs
2200	Ladder Truck	Hurricane Stratospear	1989		2009	F-5					
2200	Pumper	Emergency One	1990		2010	F-6					
2200	Pumper	E. One	1995		2015	F-6					
FIRE/BUILDING											
2300	Auto	Ford Crown Victoria	1992	111,230	POOR-99	20					
2300	Auto	Ford Crown Victoria	1993	111,806	GOOD-98	105					
2300	Auto	Ford Crown Victoria	1992	118,846	POOR-99	104					
2300	Explorer	Ford Explorer	1993	60,000	GOOD-2000	109					
2300	Auto	Ford Crown Victoria	1992	127,040	GOOD-98	18					
2300	Auto	Ford Crown Victoria	1992	118,366	GOOD-98	19					
2300	Auto	Ford Crown Victoria	1992	118,288	GOOD-98	103					
PUBLIC WORKS											
3200	Dump Truck	Chev. Dump One Ton	1997	6,235		47					
3200	Truck	Mack Recycling Midline	1991	5,687		R-1	18,000				
3200	Truck	Mack Recycling Midline	1991	69,955	96-DUMP BODY 2001-CHASSIS	R-2				75,000	
3200	Truck	Mack Recycling Midline	1991	65,281	96-DUMP BODY 2001-CHASSIS	R-3				75,000	
3320	Refuse Truck	Mack	1992	38,137	REP PACKER-98 CHASSIS 02	50	0	40,000			90,000
3320	Refuse Truck	Mack	1991	49,653	REP PACKER-96 CHASSIS 01	51				90,000	
3320	Leaf Truck	Mack	1993	26,354	REP PACKER-99 CHASSIS 04	52		40,000			
3320	Refuse Truck	Mack	1991	49,458	REP PACKER-98	53	40,000				
3320	Refuse Truck	Mack	1997	9,531		54					
3200	Auto	Crown Victoria	1992	43,251		55					
3200	Sewer Jet	Ford	1996	8,125	REPLACE-2006	56					
3200	Pickup	GMC 3/4 Ton 4x4	1995	29,655	REPLACE 2005	57					
3200	Pickup	GMC K2500 Club	1991	96,621	REPLACE 1998	58	25,000				
3200	Sewer Jet	GMC	1988	48,829		59					
3200	Truck	Ford F150	1996	5,041		60					
3200	Dump Truck	Mack	1997	8,125		68					
3200	Pickup	GMC 3/4 Ton 4X4	1995	29,258	REPLACE 2005	69					
3200	5 Ton Dump	Chevrolet 7000	1989	50,175	REPLACE 1998	70	110,000				
3200	5 Ton Dump	Chevrolet 7000	1989	26,744	REPLACE 1998	71	0	110,000			
3200	5 Ton Dump	Chevrolet 7000	1996	33,238	REPLACED 1996	72					
3200	Truck	Mack Dump	1985	43,384		73				40,000	
3200	Truck	Mack Dump	1985	83,657	REPLACE 1998	74	22,000				
3200	Truck	Mack Dump	1985	42,056	REPLACE 1998	75	22,000				
3200	Truck	Mack Dump	1985	41,059	REPLACE 1999	76				40,000	
3200	Truck	Mack Dump	1985	49,201	REPLACE 2000	77			110,000		
3200	Truck	Mack Dump	1985	49,364	REPLACE 2000	78			110,000		
3200	Truck	Mack Dump R688	1995	8,040	REPLACE 2010	79					
3200	Truck	Mack Dump R688	1995	18,082	REPLACE 2010	80					
3200	Pickup	Chev. Crew Cab	1997	9,104		81					
3200	Pickup	Chev. Cab	1997	13,328		82					
3200	Truck	Chevy One Ton	1997	2,981		83					
3200	Pickup	Ford F350-D	1986	53,241		83B					
3200	Pickup	Chev. Crew Cab	1997	6,014		84					
3200	Pickup	GMC C2500 4X4	1991	73,707	REPLACE 1999	85		25,000			
3200	Pickup	GMC C2500 4X4	1991	60,223	REPLACE 1999	86			25,000		
3200	Pickup	GMC C2500 4X4	1991	63,628	REPLACE 1999	87			25,000		
3200	Pickup	GMC C2500 4X4	1991	86,742	REPLACE 1999	88			25,000		
3200	Pickup	GMC C2500 4X4	1991	74,245	REPLACE 1999	89		25,000			
3200	Auto	Ford Crown Victoria	1992	38,604	REPLACED 1996	90					
3200	Pickup	GMC C1500	1991	69,820	REPLACE 1999	91		25,000			

Municipality of Monroeville					Vehicles	Capital Improvements 1998						
Dept No.	Type	Make/Model	Year	Mileage	Comments/Condition	Veh. Num.	1998 Costs	1999 Costs	2000 Costs	2001 Costs	2002 Costs	
3200	Pickup	Chev. Crew Cab	1997	8,647	Animal Control	92						
3200	Truck	Ford	1988	21,745	Service	98						
3200	Backhoe	Case 590	1996									
3200	Loader	John Deere 544E	1988		REPLACE 1998		0	65,000				
3200	Motrim	Ford 3400	1970		REPLACE 1998	REV	35,000		30,000			
3200	Street Sweep	Ford Tymco	1992	7,947	REPLACE 2002						90,000	
3200	Cab Tractor	Case International	1991		REPLACE BOOM 2000					30,000		
3200	Backhoe	Case 680L	1990		REPLACE 2000				65,000			
SENIOR CITIZEN/CONVENTION VISITOR BUREAU												
3330	Bus	19 Passenger Bus	1990	75,261	REPLACE 1999			75,000				
3330	Bus	29 Passenger Bus	1990	28,689	REPLACE 2003							
RECREATION												
4500	Trailer	Viking Spirit	1992		REPLACE 2007							
4500	Trailer	International	1990		REPLACE 2005							
4500	Tractor/Mower	John Deere 970	1989	23,545	REPLACE 2000	1			37,500			
4500	Tractor	John Deere 970	1992	10,325	REPLACE 2005	2						
4500	Pickup	GMC C2500	1991	95,760	REPLACE 1999	40		29,000				
4500	Truck	One Ton Dump	1997	12,895	REPLACE 1996	47						
4500	Pickup	Chev. Crew Cab	1997	5,766	REPLACE 1996	46						
4500	Auto	Ford Crown Victoria	1992	44,532	REPLACE 1997	43						
4500	Truck	Chevrolet	1992	51,792	REPLACE 2000	44			37,500			
4500	Van	GMC Sw	1991	33,230	REPLACE 2002	45					30,000	
ENGINEERING												
6100	Auto	Ford Crown Victoria	1992	111,729	REPLACE 1997	102						
6100	Auto	Ford Crown Victoria	1993	105,458	REPLACE 1998	105						
6110	Truck	Ford Bucket Truck	1988	44,802	REPLACE 2003	35						
CABLE TV												
9801	Explorer	Ford Explorer	1993	26,140	REPLACE 1999	TV-15		22,000				
9801	Auto	Ford Crown Victoria	1992	113,199	REPLACE 1999	TV-15						
*TO BE REPLACED BY POLICE DEPT VEHICLE ROTATION												
							TOTAL	\$ 478,800	\$ 777,100	\$ 827,300	\$ 641,500	\$ 504,800

1998	\$	478,800.00
1999	\$	777,100.00
2000	\$	827,300.00
2001	\$	641,500.00
2002	\$	504,800.00
TOTAL	\$	3,229,500.00

Police	\$	206,800
Fire	\$	-
Fire/Building	\$	-
Public Works	\$	272,000
Senior Center	\$	-
Visitors Bureau	\$	-
Recreation	\$	-
Engineering	\$	-
Cable TV	\$	-
TOTAL	\$	478,800

TOTAL \$ _____

Municipality of Monroeville

Sanitary Sewers

Capital Improvement

1998

Job No.	Priority	Street Location	Ward No.	Comments	Manhole Location	Manhole Condition	Pipe Size	Pipe Type	Pipe Length	Station	Station	Distance	Remarks	1998 Cost Estimate	1999 Cost	2000 Cost	2001 Cost	2002 Cost
1	Low	Garden City Dr.	7	Intersection Fieldstone to Inter. Laurel - 510' of Heavy Roots									510 LF Sanitary Sewer \$60.00 \$30,600 3 EA Manholes \$1,500.00 \$4,500 1 LS Miscellaneous \$8,000 COG Grant Subtotal: \$43,100	REV (43,100)	\$43,100			
2	High	Hillsdale	2	House No. 1323 to 1332, 353' of pipe needs replaced, many low spots, small cracks. This line TV checked. Reprofile road to correct drainage problem.									700 LF Sanitary Sewer \$100.00 \$70,000 4 EA Manholes \$1,500.00 \$6,000 2177 B SY Road Restoration \$28.00 \$60,978 Subtotal: \$136,978			136,978		
3	Medium	McKenzie Drive	3	House No. 4410 to 4424, 550 feet roots, bad broken pipes									550 LF Sanitary Sewer \$45.00 \$24,750 4 EA Manholes \$1,500.00 \$6,000 PORTION COMPLETE IN 1992 Trenchless Pipe Liner Repair Recommended Subtotal: \$30,750	REV (30,750)	\$30,750			
4	Low	Orexel Dr.	4	House No. 300, dips in line, 250 feet									500 LF Sanitary Sewer \$100.00 \$50,000 4 EA Manholes \$1,500.00 \$6,000 Rights-of-Way Restoration \$1,000 \$3,000 Subtotal: \$60,000	REV (60,000)	\$60,000			
5	Low	Heartwood Dr	7	House No. 713 to 723 315 feet, one spot in line needs repaired									315 LF Sanitary Sewer \$70.00 \$22,050 2 EA Manholes \$1,500.00 \$3,000 1 LS Miscellaneous \$3,000 Subtotal: \$28,050			28,050		
6	Medium	Monroeville Blvd to Stroschein Road	5	Monroe Complex Apartments continuing to Stroschein Road Trenchless Pipe Liner Repair Recommended									1534 LF Sanitary Sewer \$60.00 \$92,040 8 EA Manholes \$1,500.00 \$12,000 1 LS Miscellaneous \$3,000 1 LS Restoration \$5,000.00 \$5,000 Subtotal: \$112,040			112,040		
7	Low	Garden City Dr.	7	House No. 428 to 436, Bad Roots, Pipe Broken for 300 feet	House No. 428	Good Shallow	8" TCP		300	0	45	45	45 Small Cracks 4 Cracked Pipe 49 49 55 55 57 57 61 61 61 115 115 121 121 181 181 194 194 196 196 205 205 217 217 257 40 Heavy Roots all Joints	300 LF Sanitary Sewer \$80.00 \$24,000 2 EA Manholes \$1,500.00 \$3,000 1 LS Miscellaneous \$6,000.00 \$6,000 1 LS Restoration \$5,000.00 \$5,000 COG Grant Eligible Subtotal: \$38,000	REV (38,000)	\$38,000		
8	High	Heartwood Drive	7	House No. 723 to 735									210 LF Sanitary Sewers \$70.00 \$14,700 2 EA Manholes \$1,500.00 \$3,000 1 LS Miscellaneous \$3,500.00 \$3,500 Subtotal: \$21,200			21,200		
9	Medium	Garden City Plaza (at Swim Club)	7	Laurel Drive and Garden City Drive									175 LF Sanitary Sewer \$60.00 \$10,500 2 EA Manholes \$1,500.00 \$3,000 1 LS Restoration \$5,000.00 \$5,000 Subtotal: \$18,500			18,500		
10		Sewer Rehabilitation	All	Perform Field Reconnaissance Study of Sewer Interceptor and Collector Lines. Clear Rights-of-Way									Sewer Rehabilitation \$25,000	REV (25,000)	\$25,000	\$25,000	\$25,000	\$25,000
11		Sewer Mapping	All	Digitize sewer maps - GIS Format									Map Development \$10,000			\$10,000	\$10,000	\$10,000
12	Low	Noel Drive University Park	4	Right Side - Noel Drive From Dip in Road to Circle at End									230 LF Sanitary Sewers \$60.00 \$13,800 4 EA Manholes \$1,500.00 \$6,000 1 LS Miscellaneous \$3,500.00 \$3,500 1 LS Restoration \$5,000.00 \$5,000 Subtotal: \$28,300	REV (28,300)	\$28,300			
13	Medium	Woodhaven Drive	3	331 Woodhaven Drive Pipe Flow Surcharge Condition Cracked Pipe Tree Root Intrusions.									230 LF Sanitary Sewer \$60.00 \$13,800 2 EA Manholes \$1,500.00 \$3,000 1 LS Restoration \$8,000.00 \$8,000 Subtotal: \$24,800	REV (24,800)	\$24,800			

Municipality of Monroeville Sanitary Sewers Capital Improvement 1998

Job No.	Street Location	Ward No.	Comments	Manhole Location	Manhole Condition	Pipe Size	Pipe Type	Pipe Length	Station	Station	Distance	Remarks	1998				2002 Cost			
													1999 Cost Estimate	1999 Cost	2000 Cost	2001 Cost				
14	Harper Drive	7	400 Block of Harper Drive [Behind houses towards Evergreen Park.									365 LF Sanitary Sewer 3 EA Manholes 1 LS Restoration Subtotal	\$60.00 \$1,500.00 \$6,000.00 \$7,560.00	\$21,900 \$4,500 \$6,000 \$32,400						
15	Center Road Area	3	Venlo Drive to Helmar Drive Along berm of Center Road									300 LF Sanitary Sewer 2 EA Manholes 1 LS Restoration Subtotal	\$75.00 \$1,500.00 \$8,000.00 \$9,575.00	\$22,500 \$3,000 \$9,000 \$33,500						
16	Old William Penn	3	Williamsburg Road Old William Penn Highway from 4562 to 4552	65-feet of pipe								283 LF Sanitary Sewer 2 EA Manholes 1 LS Restoration Subtotal	\$75.00 \$1,500.00 \$8,000.00 \$9,575.00	\$21,225 \$3,000 \$8,000 \$32,225						
17	Beatty Road, Miri Drive to Turnpike	3	Bottom of Asbestos Cement sewer pipe lost from attack of unknown substance.									1750 LF Sanitary Sewer 5 EA Manholes 1 LS Restoration Subtotal	\$50.00 \$1,500.00 \$12,000.00 \$13,550.00	\$87,500 \$7,500 \$12,000 \$107,000						
18	Altaview Drive	4	House number 334 to 328									600 LF Sanitary Sewer 3 EA Manholes 1 LS Restoration Subtotal	\$50.00 \$1,500.00 \$3,000.00 \$4,550.00	\$30,000 \$4,500 \$3,000 \$37,500						
19	Harvard Road	2	Replace 280 feet of sanitary sewer. House number 915 to 921. Root build-up.									280 LF Sanitary Sewer 2 EA Manholes 1 LS Restoration Subtotal	\$100.00 \$1,500.00 \$12,000.00 \$13,500.00	\$28,000 \$3,000 \$12,000 \$43,000						
20	College Park Drive	3	House No. 105 thru 113 College Park Drive Roots growth causing blockage of sewerage flow.									500 LF Sanitary Sewer 1 LS Restoration Subtotal	\$50.00 \$1,000.00 \$1,050.00	\$25,000 \$1,000 \$26,000						
21	Forbes Road Area	1	Sanitary sewer extension. Sewer six homes now on septic tanks. Near Old Ramsey Road and sewer extension to Regal Court.									600 LF Sanitary Sewer 8 EA Manholes 1 LS Restoration Subtotal	\$50.00 \$1,500.00 \$1,000.00 \$3,000.00	\$30,000 \$12,000 \$1,000 \$43,000						
22	Miscellaneous		Various Sanitary Sewer Projects																	
													497,268	\$594,075	\$185,000	\$185,000	\$185,000	\$185,000		

1998 \$497,268
 1999 \$594,075
 2000 \$185,000
 2001 \$185,000
 2002 \$185,000
 TOTAL \$1,646,343

TOTAL.....