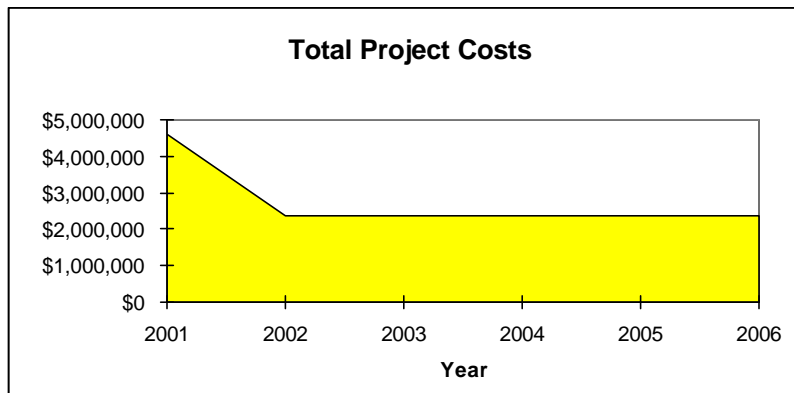


**2001
Capital Budget
Capital Improvement Program**

Agency Name: **Sewer Utility**

Agency Number: 54

Project Name	Capital Budget	Future Year Estimates				
	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
1 Sewer with Reconstructed Streets	\$ 1,550,000	\$ 1,550,000	\$ 1,550,000	\$ 1,550,000	\$ 1,550,000	\$ 1,550,000
2 Improvements to Sewer Study Areas	0	250,000	250,000	250,000	250,000	250,000
3 Lift Station Rehabilitation	75,000	50,000	50,000	50,000	50,000	50,000
4 Added Collection & Conveyance	375,000	250,000	250,000	250,000	250,000	250,000
5 Other Major Sewer Repairs	150,000	150,000	150,000	150,000	150,000	150,000
6 Replace '92 Ford 4WD Explorer	25,000	0	0	0	0	0
7 Dump Trucks w/Plows	75,000	0	0	0	0	0
8 Sewer Rodder	60,000	0	0	0	0	0
9 Video Pipeline Inspection Equipment	45,000	0	0	0	0	0
10 Software	15,000	0	0	0	0	0
11 Building Improvements	75,000	0	0	0	0	0
12 San. Access Struct. Inspect. Camera	15,000	0	0	0	0	0
13 6" Self-Priming Cent. Trash Pump	35,000	0	0	0	0	0
14 Time Tracking Hardware & Software	10,000	0	0	0	0	0
15 Spec. San. Sewer Cleaning Attach.	20,000	0	0	0	0	0
16 Bobcat Attachments	15,000	0	0	0	0	0
17 Vactor with Chassis	300,000	0	0	0	0	0
18 Westside Industrial Park Sewer	625,000	0	0	0	0	0
19 Northeast Industrial Park Sewer	500,000	0	0	0	0	0
20 West Johnson St. Sewer Replacement	150,000	0	0	0	0	0
21 Pennito Creek Sewer Re-line	100,000	100,000	100,000	100,000	100,000	100,000
22 Hoard Street Sewer Replacements	325,000	0	0	0	0	0
23 Buckeye Road Sewer Relay	75,000	0	0	0	0	0
Total	<u>\$ 4,615,000</u>	<u>\$ 2,350,000</u>	<u>\$ 2,350,000</u>	<u>\$ 2,350,000</u>	<u>\$ 2,350,000</u>	<u>\$ 2,350,000</u>



Capital Budget

Sewer Utility

Sewer with Reconstructed Streets Project No. 1 Fund No.

- (B) \$ 0 This project involves replacement of older, problematic sanitary sewers in conjunction with street reconstruction projects and street resurfacing. This is primarily replacement of 6 inch diameter sewers, which are not installed as mains using today's standards. Replacement of these sewers is best done when the street is being reconstructed, to save on cost and inconvenience to the public. Additionally, the City encourages residents to replace the portion of their sewer lateral that lies within the public right-of-way. This is done by offering to pay for 75% of the replacement cost in accordance with a new policy adopted by the City in 1997. All 6 inch mains under 'reconstruction' streets will be replaced. Those 6 inch mains under 'resurfaced' streets are evaluated on a case-by-case basis.
- (C) 1,550,000
- \$ 1,550,000

Improvements to Sewer Study Areas Project No. 2 Fund No.

- (B) \$ 0 In 1996, the City identified six areas of concern in relation to the sanitary sewer system as a result of the flooding in June of 1996. Since that time, engineering studies have been ongoing to determine recommendations to improve the sewer systems of these areas. This item would begin implementing construction phases of recommended improvements on a systematic, prioritized basis. The project with the greatest potential for design and construction is the installation of a separate lift station at Olbrich Park to serve the Johns Street sewer flooding area.
- (C) 0
- \$ 0

Lift Station Rehabilitation Project No. 3 Fund No.

- (B) \$ 0 This project is for necessary capital improvements to any of the City's 27 public sewerage lift stations. These stations need periodic improvements beyond the normal operating maintenance expenditures. These improvements reduce operating costs, improve efficiency, or bring the station into compliance with present standards for design, safety, and operation. Project work is proposed for the Fremont Pump Station Wetwell design investigation. No other projects are proposed for 2001, but a \$50,000 item is shown for contingency - emergency. Minor station upgrades by Madison Metropolitan Sewerage District (MMSD) are covered by the Operating Budget.
- (C) 75,000
- \$ 75,000

Added Collection & Conveyance Project No. 4 Fund No.

- (B) \$ 0 This project finances assessable sewer facilities for development and / or services. Most projects cannot be well predicted in advance as they are driven by development pressures. Potential projects include: extension up Midtown Road to the East from Highway 'M'; another Interceptor may be required to serve developing areas of the Sprecher Road Neighborhood (Hovde Annexation); interceptor to various phases of the Marsh Road Neighborhood; or a potential Interceptor (and lift station & force main) to serve the areas West of Highway 'M' in and around Hawks Landing and/or extending sewer to the North through the Hawks Landing Golf Course; and other smaller extensions that may arise.
- (C) 375,000
- \$ 375,000

Other Major Sewer Repairs

Project No. **5** Fund No.

(B) \$ 0 This project is for urgent and emergency type repairs that are separate from new extensions
(O) 150,000 or accompanying street construction. These projects arise on very short notice and are
\$ 150,000 unpredictable from year to year.

Replace '92 Ford 4WD Explorer

Project No. **6** Fund No.

(B) \$ 0 Replacement for vehicle #1840.
(O) 25,000
\$ 25,000

Dump Trucks w/Plows

Project No. **7** Fund No.

(B) \$ 0 Two (2) one-ton dump trucks with plows.
(O) 75,000
\$ 75,000

Sewer Rodder

Project No. **8** Fund No.

(B) \$ 0 New rodder to replace vehicle #3308.
(O) 60,000
\$ 60,000

Video Pipeline Inspection Equipment

Project No. **9** Fund No.

(B) \$ 0 4WD large steerable tractor with lighthead for camera.
(O) 45,000
\$ 45,000

Software

Project No. **10** Fund No.

(B) \$ 0 Purchase of integrated asset management, call tracking and work order processing software.
(O) 15,000
\$ 15,000

Building Improvements

Project No. **11** Fund No.

(B) \$ 0 Various building improvements including renovating women's restroom/locker room and
(O) 75,000 adjoining hallway area; removing overhead door between training room and garage;
\$ 75,000 providing access to washrack from garage interior.

San. Access Struct. Inspect. Camera

Project No. **12** Fund No.

(B) \$ 0 Sanitary Access Structure camera and video recorder.
(O) 15,000
\$ 15,000

6" Self-Priming Cent. Trash Pump Project No. **13** Fund No.

(B) \$ 0 6" Self-Priming Centrifugal Trash Pump.
(O) 35,000
\$ 35,000

Time Tracking Hardware & Software Project No. **14** Fund No.

(B) \$ 0 Hardware and software to collect employee time and attendance data.
(O) 10,000
\$ 10,000

Spec. San. Sewer Cleaning Attach. Project No. **15** Fund No.

(B) \$ 0 Replacement and additional nozzles and cutters for use with sewer cleaning equipment.
(O) 20,000
\$ 20,000

Bobcat Attachments Project No. **16** Fund No.

(B) \$ 0 Various attachments for bobcats including angle broom, shears, small breaker and hydraulic regulator.
(O) 15,000
\$ 15,000

Vector with Chassis Project No. **17** Fund No.

(B) \$ 0 New vector w/chassis to replace Vehicle #3112.
(O) 300,000
\$ 300,000

Westside Industrial Park Sewer Project No. **18** Fund No.

(B) \$ 0 This project would finance a sanitary sewer lift station, force main, and gravity interceptor from a point West of South Point Road to Mineral Point Road at Highway 'M'. This collection system would serve a proposed Industrial Park as well as a future Streets Division maintenance yard. The cost of the system would be repaid to the Sewer Utility by the benefiting properties as they connect or from a future Tax Incremental Financing District.
(O) 625,000
\$ 625,000

Northeast Industrial Park Sewer Project No. **19** Fund No.

(B) \$ 0 This project would finance a gravity sanitary sewer interceptor, from an MMSD sewer located at the Northeast corner of Truax Airport near Highway 51 and Messerschmidt Road, to the North approximately one half mile to Hanson Road midway between Highway 51 and Portage Road (through wet or poor soil conditions). This collection system would serve a proposed Industrial Park as well as other potential future development. The cost of the system would be repaid to the Sewer Utility by the benefiting properties as they connect, or from a potential Tax Incremental Financing District.
(O) 500,000
\$ 500,000

West Johnson St. Sewer Replacement Project No. **20** Fund No.

- (B) \$ 0 This project is the replacement of existing, aged sewer facilities in the West Johnson Street right-of-way, in conjunction with a proposed major street reconstruction project. It is anticipated that the project may consist of a 'crossover' pipe rather than a more lengthy and costly main replacement.
- (C) 150,000
- \$ 150,000

Pennito Creek Sewer Re-line Project No. **21** Fund No.

- (B) \$ 0 This project is to re-line an existing 12 inch vitrified clay pipe gravity sewer interceptor. This pipe collapsed in 1999 causing an emergency sewer repair. Upon repair and further investigation, it was determined that the pipe joints were allowing considerable infiltration - allowing ground water into the sewer system and leaving the pipe vulnerable to soil migration and / or collapse. Re-lining of the sewer is a cost effective repair for a problem of this type.
- (C) 100,000
- \$ 100,000

Hoard Street Sewer Replacements Project No. **22** Fund No.

- (B) \$ 0 This project shall replace all sanitary and storm sewers on Hoard Street from Kedzie to Starkweather Creek. In 1993 and again in 1996, residents in this area (several blocks centering around Hoard at Kedzie) suffered sanitary sewerage flooding into their basements. Subsequently, the City performed a detailed study to seek solutions to lessen the chance of future flooding. Implementation for this area began with the replacement of the sewer interceptor on Johnson Street (1997). Further recommendations (prioritized) include replacement of both the storm and sanitary sewers identified with this project, as the poor condition of both facilities allows the storm sewer to 'leak' into the sanitary during rainfall events. Replacement of both facilities will necessitate replacement of the street in its entirety. Future phases shall replace similar problem lines on the following: Kedzie from Hoard to Fairfield; Fairfield from Kedzie to Maywood; Dayton from North to Kedzie; Kedzie from East Lawn Court to East Washington. Total cost is split equally between storm and sanitary budgets.
- (C) 325,000
- \$ 325,000

Buckeye Road Sewer Relay Project No. **23** Fund No.

- (B) \$ 0 Relay approximately 580 feet of sanitary sewer on Buckeye Road, from Highway 51 east to the Railroad tracks. This project is in coordination with the State-let reconstruction of Buckeye Road in 2001. Additionally it will improve flow problems, by lowering this line and diverting it directly into a MMSD line at the tracks rather than its present flow to the north, and eventually coming back to the same point.
- (C) 75,000
- \$ 75,000

Note: Other funding for Sewer Utility capital projects is derived from Sewer Utility revenues.

**2001
Capital Budget
Summary**

Agency Name: Sewer Utility

Agency Number: 54

Project Name	Agency Request	CIRC	Executive	Executive		
				G.O. Debt	Other Funding	Total
1 Sewer with Reconstructed Streets	\$ 1,550,000	\$ 1,550,000	\$ 1,550,000	\$ 0	\$ 1,550,000	\$ 1,550,000
2 Improvements to Sewer Study Areas	0	0	0	0	0	0
3 Lift Station Rehabilitation	75,000	75,000	75,000	0	75,000	75,000
4 Added Collection & Conveyance	375,000	375,000	375,000	0	375,000	375,000
5 Other Major Sewer Repairs	150,000	150,000	150,000	0	150,000	150,000
6 Replace '92 Ford 4WD Explorer	25,000	25,000	25,000	0	25,000	25,000
7 Dump Trucks w/Plows	75,000	75,000	75,000	0	75,000	75,000
8 Sewer Rodder	60,000	60,000	60,000	0	60,000	60,000
9 Video Pipeline Inspection Equipment	45,000	45,000	45,000	0	45,000	45,000
10 Software	15,000	15,000	15,000	0	15,000	15,000
11 Building Improvements	75,000	75,000	75,000	0	75,000	75,000
12 San. Access Struct. Inspect. Camera	15,000	15,000	15,000	0	15,000	15,000
13 6" Self-Priming Cent. Trash Pump	35,000	35,000	35,000	0	35,000	35,000
14 Time Tracking Hardware & Software	10,000	10,000	10,000	0	10,000	10,000
15 Spec. San. Sewer Cleaning Attach.	20,000	20,000	20,000	0	20,000	20,000
16 Bobcat Attachments	15,000	15,000	15,000	0	15,000	15,000
17 Vactor with Chassis	300,000	300,000	300,000	0	300,000	300,000
18 Westside Industrial Park Sewer	625,000	625,000	625,000	0	625,000	625,000
19 Northeast Industrial Park Sewer	500,000	500,000	500,000	0	500,000	500,000
20 West Johnson St. Sewer Replacement	150,000	150,000	150,000	0	150,000	150,000
21 Pennito Creek Sewer Re-line	100,000	100,000	100,000	0	100,000	100,000
22 Hoard Street Sewer Replacements	325,000	325,000	325,000	0	325,000	325,000
23 Buckeye Road Sewer Relay	75,000	75,000	75,000	0	75,000	75,000
Total	<u>\$ 4,615,000</u>	<u>\$ 4,615,000</u>	<u>\$ 4,615,000</u>	<u>\$ 0</u>	<u>\$ 4,615,000</u>	<u>\$ 4,615,000</u>