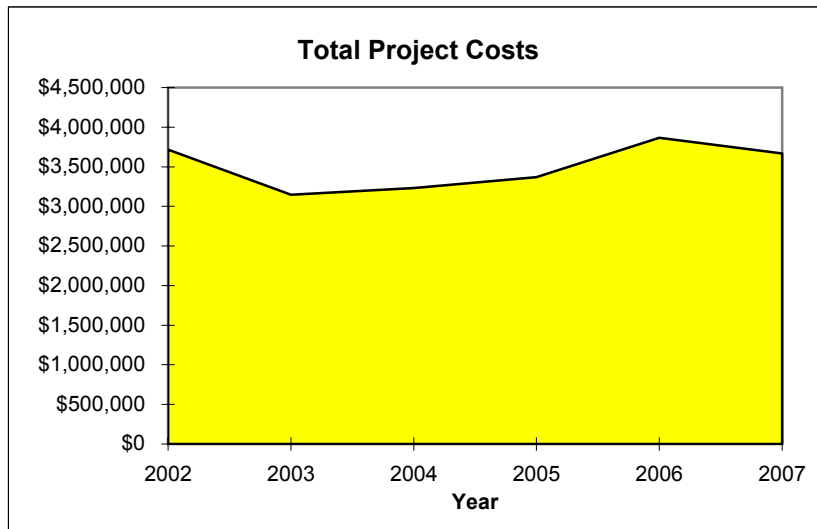


**2002  
Capital Budget  
Capital Improvement Program**

Agency Name: **Engineering - Other Projects**

Agency Number: **53**

Project Name	Capital Budget	Future Year Estimates				
	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
1 Underground Storage Tanks	\$ 75,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
2 Drinking Fountains in Public ROW	40,000	40,000	40,000	40,000	40,000	40,000
3 Bikeways	995,000	350,000	350,000	350,000	350,000	350,000
4 Sidewalk Program	2,300,000	2,415,000	2,535,750	2,662,538	2,795,664	2,935,448
5 Street Ends / Street Landscaping	125,000	228,750	192,938	202,585	212,714	223,349
6 Yahara River Pkwy	0	0	0	0	350,000	0
7 Materials and Compaction Testing	20,000	21,000	22,050	23,153	24,310	25,526
8 University Avenue Sidewalk	110,000	0	0	0	0	0
9 Design-Survey HW/SW	40,000	41,600	43,264	44,995	46,794	48,666
10 Computer Mapping/GIS	10,700	10,700	10,700	10,700	10,700	10,700
11 Emil Street Remodel - HVAC Upgrade	0	0	0	0	0	0
12 Global Positioning System - GPS	0	0	0	0	0	0
13 ROW Permit Database Enhancements	0	5,000	0	0	0	0
<b>Total</b>	<b>\$ 3,715,700</b>	<b>\$ 3,147,050</b>	<b>\$ 3,229,702</b>	<b>\$ 3,368,970</b>	<b>\$ 3,865,182</b>	<b>\$ 3,668,689</b>

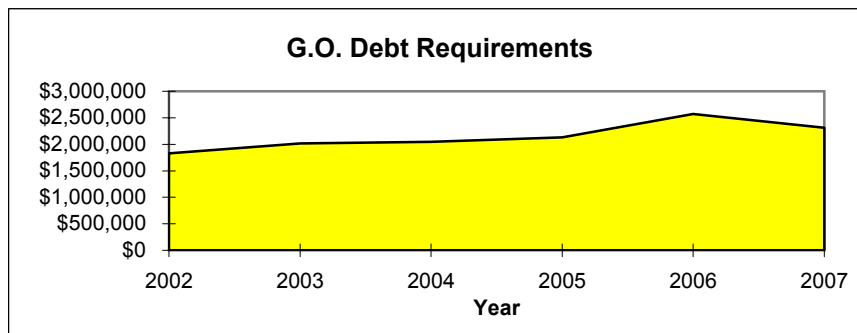


**2002  
Capital Budget  
Expenditure Categories and Funding Sources**

Agency Name: **Engineering - Other Projects**

Agency No.: 53

All Projects	Capital Budget					
	2002	2003	2004	2005	2006	2007
<b>Expenditures:</b>						
Planning Studies	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Eng / Design	173,580	131,035	135,711	140,621	177,595	151,190
Land Acquisition	0	0	0	0	0	0
Land Development	0	0	0	0	0	0
Construction	3,458,920	2,946,215	3,027,527	3,160,155	3,617,593	3,445,633
Remodelling	0	0	0	0	0	0
Equipment/Furnish	72,500	54,100	55,764	57,495	59,294	61,166
Cost Applied	0	0	0	0	0	0
Other	10,700	15,700	10,700	10,700	10,700	10,700
<b>Total Costs</b>	<u>\$ 3,715,700</u>	<u>\$ 3,147,050</u>	<u>\$ 3,229,702</u>	<u>\$ 3,368,970</u>	<u>\$ 3,865,182</u>	<u>\$ 3,668,689</u>
<b>Funding Sources:</b>						
Available Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Sources	627,000	0	0	0	0	0
State Sources	0	0	0	0	0	0
County Contrib	0	0	0	0	0	0
Private Contrib	0	0	0	0	0	0
TIF	75,000	0	0	0	0	0
Revenue Bonds	0	0	0	0	0	0
Utility Reserves	0	0	0	0	0	0
Special Assessments	1,065,000	1,050,000	1,102,500	1,157,625	1,215,506	1,276,282
Other	118,100	78,100	78,100	78,100	78,100	78,100
<b>Total "Other"</b>	<u>\$ 1,885,100</u>	<u>\$ 1,128,100</u>	<u>\$ 1,180,600</u>	<u>\$ 1,235,725</u>	<u>\$ 1,293,606</u>	<u>\$ 1,354,382</u>
<b>G.O. Debt</b>	<u>\$ 1,830,600</u>	<u>\$ 2,018,950</u>	<u>\$ 2,049,102</u>	<u>\$ 2,133,245</u>	<u>\$ 2,571,576</u>	<u>\$ 2,314,307</u>



## Capital Budget

### Engineering - Other Projects

#### Underground Storage Tanks

Project No. 1 Fund No.

GO \$ 0  
Other 75,000  
\$ 75,000

This program provides for the State-mandated upgrading of fuel tanks and for their removal and clean-up, if required. The program covers all tanks owned by the City except for Madison Metro tanks (maintained by Metro). This work involves the remediation of contaminated soils, soil testing, consultant fees, operation of existing treatment systems and tank integrity testing. All known underground tanks have been removed or upgraded including the installation of any required remediation systems. Essentially all of this year's costs, and all future year costs, will be for tank integrity testing and for the operation and maintenance of the existing remediation systems. City crews will take over all of this work when the consultants are no longer reimbursed by the State through PECFA funds.

#### Drinking Fountains in Public ROW

Project No. 2 Fund No.

GO \$ 0  
Other 40,000  
\$ 40,000

This project funds the design and installation of new drinking fountains within public greenways and the public right-of-way in accordance with the Department of Commerce Plumbing Codes. The responsibility for budget request was formulated by a Memorandum of Understanding between the Parks Division, the Water Utility, and City Engineering. It is intended to install 2 to 3 new drinking fountains per year, as requested by the Common Council, and fund replacement fixtures at existing locations. It is anticipated that funding will come from sources such as rental of City facilities for communication facilities - with periodic transfers to a Parks account. Potential locations for 2002 include Regent & Randall, Sycamore Park, Brearly at Jenifer, along Glen Highway and a first or second fountain installation along Monroe Street, pending neighborhood agreement on location(s). Other locations as determined by request and by meeting approval criteria.

#### Bikeways

Project No. 3 Fund No.

GO \$ 368,000  
Other 627,000  
\$ 995,000

The Bikeways Program includes various types of bicycle related improvements throughout the City. The projects that require funds to be committed in 2002 include the construction of Southwest Connector, Phase III (consists of connections to the Southwest Bike Path), construction of the Marsh View Bike Path (Regas Road to Commercial Ave. frontage road), the construction of E. Mifflin Rail Corridor Bike Path(N. Thornton Ave. to E. Johnson), and resurfacing of existing bike paths (Quann Park Bike Path, Marborough Park Bike Path). Other funding is from Federal sources.

**Sidewalk Program**

Project No. 4 Fund No.

GO \$ 1,300,000  
Other 1,000,000  
\$ 2,300,000

The sidewalk program consists of the repair of defective sidewalk, incidental repair of curb and gutter, and installation of new sidewalk as requested by property owners or as ordered by the Common Council. The program is also used to install handicap ramps. Continuing repair of City sidewalks is required to maintain them in a safe condition and reduce the chance of injuries due to defective sidewalk. On May 21, 1996 the Common Council adopted a ten-year plan for repair of sidewalks. The plan calls for the repair of all sidewalk areas within the City over the next ten years. Funding for the City's Sidewalk Rebate Program is also included in this item. The Rebate Program allows citizens to contract for the repair themselves and receive a payment from the City after the work is complete. Other funding is from special assessments.

**Street Ends / Street Landscaping**

Project No. 5 Fund No.

GO \$ 50,000  
Other 75,000  
\$ 125,000

The project Street Ends / Street Landscaping is used to make aesthetic improvements to public Right of Ways. The project will be used in areas of street right of way where streets terminate as a dead end. Many of these streets end at the lake shore and in these instances the project will enhance public access to Lakes. The project also makes funds available for landscaping of boulevards and other areas within existing right of ways in an effort to beautify City Streets. \$75,000 is included in Tax Incremental District # 25 for the replacement of trees, tree grates and sidewalk.

**Yahara River Pkwy**

Project No. 6 Fund No.

GO \$ 0  
Other 0  
\$ 0

The Yahara River Parkway project is designed to enhance pedestrian access along the Yahara River From Rutledge Street to Sherman Ave. The project will include a Pedestrian/Bike Path along the Yahara River. The project is also likely to include a pedestrian underpass at East Washington Avenue and at East Johnson Street. Cost for the East Washington Avenue underpass is included in the Major Streets Budget under East Washington Avenue. The reconstruction of the East Washington Avenue Bridge over the Yahara River is scheduled for 2006, and the pathway construction is planned to coincide with the bridge construction.

**Materials and Compaction Testing**

Project No. 7 Fund No.

GO \$ 20,000  
Other 0  
\$ 20,000

Materials and compaction testing is the ongoing testing of materials and compaction in utility trenches. Testing is essential to insure that utility contractors are meeting City specifications when they restore streets after utility installations and repairs.

**University Avenue Sidewalk**

Project No. **8** Fund No.

GO \$ 45,000  
Other 65,000  
\$ 110,000

This project consists of constructing sidewalk on University Avenue from Baker Avenue to Lorraine Drive. This segment of University Avenue lacks pedestrian and bike facilities. On average 36,000 vehicles travel on this portion of University Avenue on a daily basis. Other funding is from special assessments.

**Design-Survey HW/SW**

Project No. **9** Fund No.

GO \$ 40,000  
Other 0  
\$ 40,000

A continuing project to purchase and upgrade the Engineering's high-end PC workstations and software used for engineering design. This project will involve the purchase of software to be used for downloading the City's Total Station electronic data to the Engineering Design Software. The project also includes a change in design software in order to stay compatible with the CADD software that is being used throughout the City. Cost are shared between the Storm Sewer Utility, Sanitary Sewer Utility and General Obligation Debt.

**Computer Mapping/GIS**

Project No. **10** Fund No.

GO \$ 7,600  
Other 3,100  
\$ 10,700

The Computer Mapping/GIS Project will continue to implement user access by installing software at the desktop level for Windows 98 & NT machines for viewing the City's Aerial photos and hardware and software at the information counters of various departments in the City for accessing City maps and records. The Mapping/GIS Section will continue to enhance the software on the City's Web Site to have available to the public access to the Official Maps, Parcel Maps, Street Address Maps, Sewer and Water Records, and Assessment Records and informal data associated with streets and land parcels in the City. The Engineering Division continues to provide maintenance and support to over fifty (50) workstations, data base servers and plotters on the Mapping Network. Other funding is provided by the Water Utility.

**Emil Street Remodel - HVAC Upgrade**

Project No. **11** Fund No.

GO \$ 0  
Other 0  
\$ 0

The Engineering Division is looking to improve the working area of the Construction Inspectors and help in the area of working with the public and contractors that visit the Engineering Division Service Building. Costs include the removal of walls and the purchasing of workstations and partitions to give each of the inspectors a work area to keep records and perform their daily work activities while in the office. The HVAC upgrade is to improve the air quality in the Engineering Service Building by monitoring and removing the emissions produced in the garage area of the building. Costs are shared between the Storm Sewer Utility, Sanitary Sewer Utility and General Obligation Debt.

**Global Positioning System - GPS** Project No. **12** Fund No.

GO	\$	0	This project will involve the acquisition of a Global Positioning System (GPS) base station and receiver to be used by the Surveyors and Technicians in the Division. GPS is a series of satellites which orbit the earth. These 27 satellites are in known locations controlled from a central control and three other tracking stations around the world. These satellites have the ability to transmit radio signals to GPS receivers on the ground to determine the horizontal and vertical location of a point. The base station will be available to not just the public sector but also the private sector which will allow them to purchase their own equipment and use the signal from the City's base station to obtain more accurate data and share that data with the City for various projects. Costs are shared between the Sanitary Sewer Utility and General Obligation Debt.
Other		<u>0</u>	
	\$	<u><u>0</u></u>	

**ROW Permit Database Enhancements** Project No. **13** Fund No.

GO	\$	0	The City will contract an outside consulting service in order to refine the existing ROW Permit Database, which was developed in-house. Enhancements include allowing permit applications to be submitted electronically.
Other		<u>0</u>	
	\$	<u><u>0</u></u>	

**2002  
Capital Budget  
Summary**

**Agency Name: Engineering - Other Projects**

**Agency Number: 53**

Project Name	Agency Request	CIRC	Executive	Executive		
				G.O. Debt	Other Funding	Total
1 Underground Storage Tanks	\$ 75,000	\$ 75,000	\$ 75,000	\$ 0	\$ 75,000	\$ 75,000
2 Drinking Fountains in Public ROW	40,000	40,000	40,000	0	40,000	40,000
3 Bikeways	995,000	995,000	995,000	368,000	627,000	995,000
4 Sidewalk Program	3,000,000	2,300,000	2,300,000	1,300,000	1,000,000	2,300,000
5 Street Ends / Street Landscaping	175,000	125,000	125,000	50,000	75,000	125,000
6 Yahara River Pkwy	0	0	0	0	0	0
7 Materials and Compaction Testing	20,000	20,000	20,000	20,000	0	20,000
8 University Avenue Sidewalk	110,000	110,000	110,000	45,000	65,000	110,000
9 Design-Survey HW/SW	40,000	40,000	40,000	40,000	0	40,000
10 Computer Mapping/GIS	10,700	10,700	10,700	7,600	3,100	10,700
11 Emil Street Remodel - HVAC Upgrade	20,000	0	0	0	0	0
12 Global Positioning System - GPS	20,000	0	0	0	0	0
13 ROW Permit Database Enhancements	5,000	0	0	0	0	0
<b>Total</b>	<u>\$ 4,510,700</u>	<u>\$ 3,715,700</u>	<u>\$ 3,715,700</u>	<u>\$ 1,830,600</u>	<u>\$ 1,885,100</u>	<u>\$ 3,715,700</u>