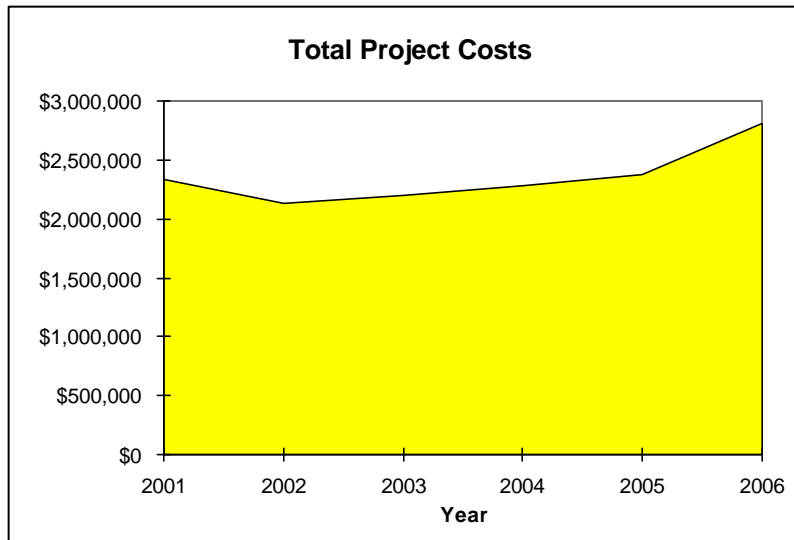


**2001
Capital Budget
Capital Improvement Program**

Agency Name: **Engineering - Other Projects**

Agency Number: **53**

| 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 Underground Storage Tanks | \$ 65,000 | \$ 50,000 | \$ 40,000 | \$ 35,000 | \$ 30,000 | \$ 25,000 |
| 2 Drinking Fountains in Public ROW | 32,500 | 32,500 | 32,500 | 32,500 | 32,500 | 32,500 |
| 3 Bikeways | 596,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| 4 Sidewalk Program | 1,500,000 | 1,575,000 | 1,653,750 | 1,736,438 | 1,823,259 | 1,914,422 |
| 5 Street Ends / Street Landscaping | 50,000 | 52,500 | 55,125 | 57,881 | 60,775 | 63,814 |
| 6 Yahara River Pkwy | 0 | 0 | 0 | 0 | 0 | 350,000 |
| 7 Materials and Compaction Testing | 20,000 | 21,000 | 22,050 | 23,153 | 24,310 | 25,526 |
| 8 Aerial Photography Atlas 2000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 Design-Survey HW/SW | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 |
| 10 Computer Mapping/GIS | 36,600 | 18,300 | 18,300 | 18,300 | 18,300 | 18,300 |
| Total | \$ 2,330,100 | \$ 2,129,300 | \$ 2,201,725 | \$ 2,283,271 | \$ 2,369,145 | \$ 2,809,562 |



**2001
Capital Budget
Expenditure Categories and Funding Sources**

Agency Name: **Engineering - Other Projects**

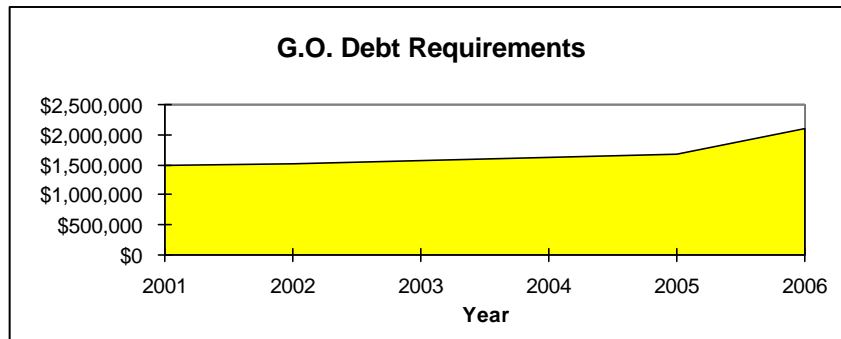
Agency No.: 53

| All Projects | Capital Budget | Future Year Estimates | | | | |
|----------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|
| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| Expenditures: | | | | | | |
| Planning Studies | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Eng / Design | 393,631 | 95,687 | 87,847 | 85,114 | 82,495 | 111,813 |
| Land Acquisition | 0 | 0 | 0 | 0 | 0 | 0 |
| Land Development | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 1,864,869 | 1,980,313 | 2,060,578 | 2,144,857 | 2,233,350 | 2,644,449 |
| Remodelling | 0 | 0 | 0 | 0 | 0 | 0 |
| Equipment/Furnish | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Cost Applied | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 66,600 | 48,300 | 48,300 | 48,300 | 48,300 | 48,300 |
| Total Costs | \$ 2,330,100 | \$ 2,129,300 | \$ 2,201,725 | \$ 2,283,271 | \$ 2,369,145 | \$ 2,809,562 |

Funding Sources:

| | | | | | | |
|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Available Funds | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| Federal Sources | 228,000 | 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 | 0 | 0 | 0 | 0 | 0 | 0 |
| Revenue Bonds | 0 | 0 | 0 | 0 | 0 | 0 |
| Utility Reserves | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Assessments | 500,000 | 525,000 | 551,250 | 578,813 | 607,753 | 638,141 |
| Other | 122,400 | 98,200 | 90,200 | 86,200 | 82,200 | 78,200 |
| Total "Other" | \$ 850,400 | \$ 623,200 | \$ 641,450 | \$ 665,013 | \$ 689,953 | \$ 716,341 |

G.O. Debt **\$ 1,479,700** **\$ 1,506,100** **\$ 1,560,275** **\$ 1,618,259** **\$ 1,679,192** **\$ 2,093,221**



Capital Budget

Engineering - Other Projects

Underground Storage Tanks Project No. 1 Fund No. CE53 / 810067

(B) \$ 13,000 This program provides for the State-mandated upgrading of fuel tanks and for their removal
(O) 52,000 and clean-up, if required. The program covers all tanks owned by the City except for
\$ 65,000 Madison Metro Transit tanks (which Metro maintains). 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. Other
funding is from the assessment revolving fund.

Drinking Fountains in Public ROW Project No. 2 Fund No. SO03

(B) \$ 0 This project funds the design and installation of new drinking fountains within public
(O) 32,500 greenways and the public right-of-way in accordance with the Department of Commerce
\$ 32,500 Plumbing Codes. The responsibility for budget requests 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
would come from sources such as rental of City facilities for communication facilities - with
periodic transfers to a Parks account. Potential locations requested for 2001 include Regent
& Randall, Sycamore Park or Mayfair Park, and a first or second fountain installation along
Monroe Street, pending neighborhood agreement on location(s). Other locations may be
considered, as determined by request and meeting approval criteria.

Bikeways Project No. 3 Fund No. CS53 / 810070

(B) \$ 368,000 The Bikeways Program includes various types of bicycle related improvements throughout
(O) 228,000 the City. The projects that require funds to be committed in 2001 include design of Southwest
\$ 596,000 Connector Path Phase II (Randall Avenue to the Dane County E-way), design of Spring
Harbor/University Avenue underpass/overpass replacement and the design of Yahara River
Underpass at Yahara River Parkway and Johnson Street. The projects that require funds to
be committed in 2001 for construction/reconstruction include Marlborough Park Bike Path
(Apache Drive to Whenona Drive), Quann Park Bike Path (Bram Street to Olin Avenue),
Leopold Park/Arbor Hills Greenway Bike Path (Greenway View to Greenway Cross),
Faircrest Greenway Bike Path (Inner Drive to Memorial High School) and East Mifflin Rail
Corridor Bike Path (Thornton to Johnson). Other funding is from Federal sources.

Sidewalk Program

Project No. 4 Fund No. CS53 / 810068

- (B) \$ 1,000,000
 (C) 500,000
\$ 1,500,000
- 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 accessible 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 sidewalk. 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. CS53 / 810071

- (B) \$ 50,000
 (C) 0
\$ 50,000
- 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.

Yahara River Pkwy

Project No. 6 Fund No.

- (B) \$ 0
 (C) 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 would 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. CS53 / 810072

- (B) \$ 20,000
 (C) 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.

Aerial Photography Atlas 2000

Project No. 8 Fund No.

- (B) \$ 0
 (C) 0
\$ 0
- This project involves updating the photographic atlas of the City of Madison completed in the year 2000. The orthophotographic atlas is used by the Parks Division for the purpose of inventorying and mapping existing parks and for future park planning; by the Water and Sewer Utilities for the purpose of mapping existing facilities and planning of new facilities; by Traffic Engineering for the purpose of inventorying street lighting, traffic signals and intersection layout and marking; and by the Engineering Division for the purpose of digitizing the impervious area of buildings and parking lots, and preparing street plans and exhibits for public hearings. The atlas is also used by the Department of Planning and Development, the Fire Department, the Police Department and the District Attorney's Office.

Design-Survey HW/SW

Project No. **9** Fund No. CE53 / 810075

- (B) \$ 15,000
 - (C) 15,000
 - \$ 30,000
- A continuing project to purchase and upgrade the Engineering's high-end PC workstations and software used for engineering design. This project also includes additional laptop computers to be used with field crews for utility locations and pavement markings. This would scale down the use of large and cumbersome record books. This project will also provide funding to purchase software to be used for downloading the City's Total Station electronic data to the Engineering Design Software. Other funding is from the Sewer Utility.

Computer Mapping/GIS

Project No. **10** Fund No. CD53 / 810074

- (B) \$ 13,700
 - (C) 22,900
 - \$ 36,600
- The Computer Mapping/GIS Project will continue to implement user access by installing software on laptops and the desktop level for Windows 98 & NT to view the City's utility maps and 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 workstations, database servers and plotters on the Mapping Network. Other funding is provided by the Sewer and Water Utility.

**2001
Capital Budget
Summary**

Agency Name: **Engineering - Other Projects**

Agency Number: **53**

| Project Name | Agency Request | CIRC | Executive | Adopted | | |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|-------------------|---------------------|
| | | | | G.O. Debt | Other Funding | Total |
| 1 Underground Storage Tanks | \$ 65,000 | \$ 65,000 | \$ 65,000 | \$ 13,000 | \$ 52,000 | \$ 65,000 |
| 2 Drinking Fountains in Public ROW | 32,500 | 32,500 | 32,500 | 0 | 32,500 | 32,500 |
| 3 Bikeways | 596,000 | 596,000 | 596,000 | 368,000 | 228,000 | 596,000 |
| 4 Sidewalk Program | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 500,000 | 1,500,000 |
| 5 Street Ends / Street Landscaping | 100,000 | 50,000 | 50,000 | 50,000 | 0 | 50,000 |
| 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 Aerial Photography Atlas 2000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 Design-Survey HW/SW | 30,000 | 30,000 | 30,000 | 15,000 | 15,000 | 30,000 |
| 10 Computer Mapping/GIS | 36,600 | 36,600 | 36,600 | 13,700 | 22,900 | 36,600 |
| Total | <u>\$ 2,380,100</u> | <u>\$ 2,330,100</u> | <u>\$ 2,330,100</u> | <u>\$ 1,479,700</u> | <u>\$ 850,400</u> | <u>\$ 2,330,100</u> |