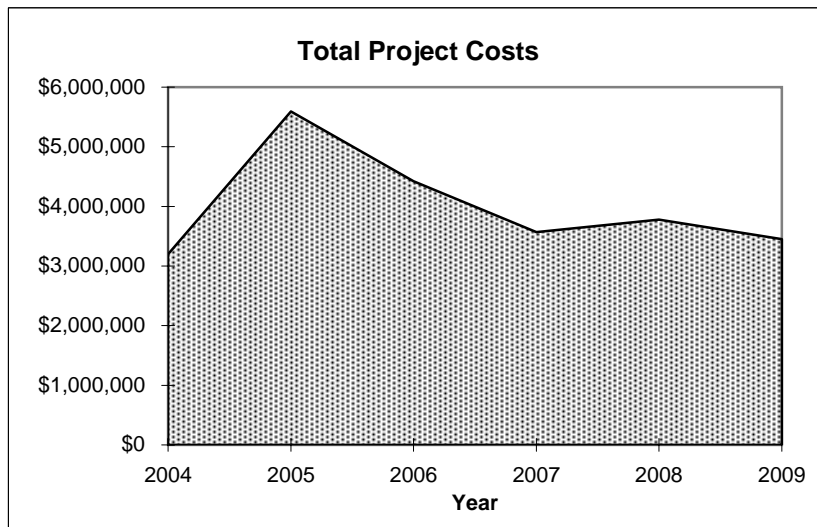


## 2004 Capital Budget Capital Improvement Program

Agency Name: **Engineering - Other Projects**

Agency Number: **53**

Project Name	Future Year Estimates					
	2004	2005	2006	2007	2008	2009
1 Underground Storage Tanks	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
2 Constr Record Account/Diary	0	0	0	0	0	0
3 WEB-Based Right-of-Way Permits	0	0	0	0	0	0
4 Robotic Survey Equipment	0	0	0	0	0	0
5 Drinking Fountains in Public ROW	0	25,000	0	25,000	0	25,000
6 Bikeways	243,000	350,000	350,000	350,000	350,000	350,000
7 Sidewalk Program	2,300,000	2,415,000	2,535,750	2,662,538	2,795,664	2,935,448
8 Street Right of Way Landscaping	30,000	31,500	33,075	34,729	36,465	38,288
9 Tree Grate Repair	20,000	21,000	22,050	23,153	24,310	25,526
10 Materials and Compaction Testing	20,000	21,000	22,050	23,153	24,310	25,526
11 Yahara River Pkwy	0	50,000	350,000	0	0	0
12 Southwest Bike Path Phase IV	10,000	1,630,000	0	0	0	0
13 Capital City Trail	100,000	800,000	0	0	0	0
14 Sherman Flyer	0	0	0	0	0	0
15 E. Branch Starkweather Creek	384,000	0	0	0	0	0
16 W. Branch Starkweather Creek	0	200,000	1,060,000	400,000	500,000	0
<b>Total</b>	<b>\$ 3,197,000</b>	<b>\$ 5,593,500</b>	<b>\$ 4,422,925</b>	<b>\$ 3,568,571</b>	<b>\$ 3,780,750</b>	<b>\$ 3,449,787</b>

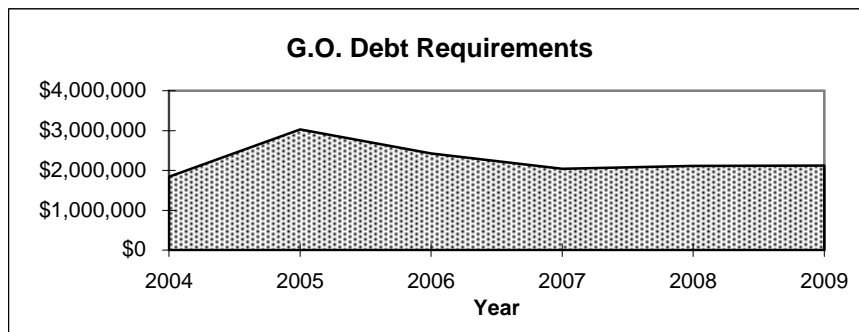


**2004  
Capital Budget  
Expenditure Categories and Funding Sources**

Agency Name: **Engineering - Other Projects**

Agency No.: 53

All Projects	Capital Budget	Future Year Estimates				
	2004	2005	2006	2007	2008	2009
<b>Expenditures:</b>						
Planning Studies	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Eng / Design	160,000	295,000	131,818	145,000	40,000	45,000
Land Acquisition	10,000	0	0	0	0	0
Land Development	0	0	0	0	0	0
Construction	3,017,000	5,288,500	4,281,107	3,413,571	3,730,750	3,394,787
Remodelling	0	0	0	0	0	0
Equipment/Furnish	10,000	10,000	10,000	10,000	10,000	10,000
Cost Applied	0	0	0	0	0	0
Other	0	0	0	0	0	0
<b>Total Costs</b>	<b>\$ 3,197,000</b>	<b>\$ 5,593,500</b>	<b>\$ 4,422,925</b>	<b>\$ 3,568,571</b>	<b>\$ 3,780,750</b>	<b>\$ 3,449,787</b>
<b>Funding Sources:</b>						
Available Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Sources	307,000	160,000	848,000	320,000	400,000	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	1,000,000	1,050,000	1,102,500	1,157,625	1,215,506	1,276,282
Other	50,000	1,354,000	50,000	50,000	50,000	50,000
<b>Total "Other"</b>	<b>\$ 1,357,000</b>	<b>\$ 2,564,000</b>	<b>\$ 2,000,500</b>	<b>\$ 1,527,625</b>	<b>\$ 1,665,506</b>	<b>\$ 1,326,282</b>
<b>G.O. Debt</b>	<b>\$ 1,840,000</b>	<b>\$ 3,029,500</b>	<b>\$ 2,422,425</b>	<b>\$ 2,040,946</b>	<b>\$ 2,115,244</b>	<b>\$ 2,123,506</b>



## Capital Budget

### Engineering - Other Projects

#### Underground Storage Tanks

Project No. 1

Fund No. CE53 / 810374

GO \$ 0  
Other 50,000  
\$ 50,000

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.

#### Constr Record Account/Diary

Project No. 2

Fund No.

GO \$ 0  
Other 0  
\$ 0

Development of an electronic Construction Item Record Account/Diary System - automated system for capturing, storing and accessing information about public works construction projects. The Construction System will feature mobile units for field data collection, a database to store the field-collected data, and a range of reporting and connectivity options to help make the collected data as useful as possible. It will be designed to replace the manual, paper-based system in use and to substantially reduce the costs of processing and accessing inspection information. (Costs shared equally among Sanitary Sewer Utility, Stormwater Utility and General Fund - cost represents General Fund portion only).

#### WEB-Based Right-of-Way Permits

Project No. 3

Fund No.

GO \$ 0  
Other 0  
\$ 0

Provide fully integrated internet ROW Excavation permit process. Enable applicants to submit applications with plans/drawings, track permit status, obtain approval, and schedule inspections on-line. Enhance multi-agency on-line participation in permit review process; manage and track communications between applicants and City staff. Provide for integration of systems (GIS, field computing and document management). All costs to be recovered through revenue generated from permits which over the past 3 years have averaged in excess of \$200,000. The secondary goal is to evaluate permit applications from the standpoint of traffic management on City's arterial and collector streets.

#### Robotic Survey Equipment

Project No. 4

Fund No.

GO \$ 0  
Other 0  
\$ 0

Robotic Total Station. Total Station will be used to collect mapping records, topographic data required for the design of Public Works Projects and perform construction layout of Public Works Projects. A survey crew on construction layout can be reduced from a three-person crew to a two-person crew utilizing a robotic total station resulting in a decrease in labor costs. At times a survey crew collecting topographic data may be reduced to a one-person crew. This equipment will also increase productivity, efficiency and accuracy. GPS will be used to aid in asset management and as-built record keeping. The information gathered will be used to populate the GIS data base. This equipment and information will be available to other Public Works Agencies. Costs shared equally among Sanitary Sewer Utility, Stormwater Utility and General Fund. Cost represents General Fund portion only.

**Drinking Fountains in Public ROW** Project No. **5** Fund No.

GO \$ 0  
Other 0  
\$ 0

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 would come from sources such as rental of City facilities for communication facilities - with periodic transfers to a Parks account. New installations have not been requested for 2004 and the communication rental fees have been allocated to lead water service replacement. No funding was requested for 2004.

**Bikeways** Project No. **6** Fund No. CS53 / 810375

GO \$ 243,000  
Other 0  
\$ 243,000

The Bikeways Program includes various types of bicycle related improvements throughout the City. The projects that require funds to be committed in 2004 include raising the bike path approaches to the John Nolen Drive Causeway Bridges and resurfacing of existing bike paths (priority ranked based on pavement ratings).

**Sidewalk Program** Project No. **7** Fund No. CS53 / 810376

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 March 5, 2002 the Common Council updated the 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 derived from special assessments.

**Street Right of Way Landscaping** Project No. **8** Fund No. CS53 / 810377

GO \$ 30,000  
Other 0  
\$ 30,000

The project for landscaping of boulevards and other areas within existing right of ways with a goal to reduce the impact of hard surfaces and infiltrate storm water. The funds are used to replace existing landscaping where needed or to add new landscaping. Projects that are coordinated with the efforts of neighborhood associations who would provide maintenance assistance have priority.

**Tree Grate Repair** Project No. **9** Fund No. CS53 / 810300

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

The Tree Grate Repair project involves the repair of deteriorated tree grates within the public right of ways.

**Materials and Compaction Testing** Project No. **10** Fund No. CS53 / 810378

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.

**Yahara River Pkwy**Project No. **11** Fund No.

GO \$ 0 The Yahara River Parkway project is designed to enhance pedestrian access along the  
 Other 0 Yahara River From Rutledge Street to Sherman Ave. The project would include a  
\$ 0 Pedestrian/Bike Path along the Yahara River. The project will also 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. Cost for the East Johnson Street underpass is included under  
 Bikeways. The reconstruction of the East Washington Avenue Bridge over the Yahara River  
 is scheduled for 2006 and the Johnson Street underpass is scheduled for 2005.

**Southwest Bike Path Phase IV**Project No. **12** Fund No. CS53 / 810301

GO \$ 10,000 Southwest Bike Path Phase IV (Missing Link) consists of a paved off-road bike/ped path  
 Other 0 serving commuters and others with access to downtown Madison and the UW. This one mile  
\$ 10,000 link will connect the recently completed Southwest Path with the Lake Shore Path. The  
 project includes a grade-separated crossing of Park Street and connections to the Murray  
 Street underpass accessing the UW Kohl Center. Enhancement Funds have been  
 committed for design and construction. The path is currently being designed.

**Capital City Trail**Project No. **13** Fund No. CS53 / 810379

GO \$ 100,000 Project Type: Ped/Bike Path  
 Other 0  
\$ 100,000 Segment 1: Buckeye Extension: Dempsey Rd. to Buckeye Rd.  
 Funding: 100% Local  
 Construction Year: 2005

Segment 2: East Link: Buckeye Rd. to E. City Limits  
 Funding: Will seek Enhancement Funds, 80% Federal, 20% Local  
 Construction Year: Not programmed.

**Sherman Flyer**Project No. **14** Fund No.

GO \$ 0 Project Type: Ped/Bike Path  
 Other 0 Segment 1: E. Mifflin Rail Corridor, Thornton Ave to E. Johnson St.  
\$ 0 Funding: 100% Local Construction Year: 2004

Segment 2: E. Johnson St. to Commercial Ave.  
 Segment 3: Commercial Ave. to Sheridan Dr.  
 Funding: Will seek Enhancement Funds(80% Federal, 20% Local)  
 Construction Years: Not programmed.

**E. Branch Starkweather Creek**Project No. **15** Fund No. CS53 / 810380

GO \$ 77,000 Project Type: Ped/Bike Path  
 Other 307,000  
\$ 384,000 Segment 1: Marsh View Bike Path: Mayfair Ave. to Blettner Dr.  
 Funding: 80% Federal, 20% Local  
 Construction Year: 2004

Remaining Segments: Marsh View to City View Drive  
 Funding: Will seek Enhancement Funds(80% Federal, 20% Local)  
 Construction Year: Not programmed.

**W. Branch Starkweather Creek**

Project No. **16** Fund No.

GO \$ 0  
Other 0  
\$ 0

Project Type: Ped/Bike Path  
Funding: Will seek Enhancement Funds(80% Federal, 20% Local)

- Segment 1: E. Washington Overpass at Starkweather: Darbo Dr. to Hoard St., Construction Year: 2006
- Segment 2: Milwaukee St. to Darbo Dr., Construction Year: 2007
- Segment 3: Olbrich to Milwaukee St., Construction Year: 2008
- Segment 4: Hoard St. to Aberg Ave., Construction Year: Not programmed.
- Segment 5: Aberg Ave. Overpass at Starkweather, Construction Year: Not programmed.

**Williamson/Winnebago**

Project No. **17** Fund No. CS53 / 810431

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

This project provides funding to conduct a trial of the reconstruction of the Williamson Street and Winnebago Street intersection as part of a neighborhood redevelopment plan.

**2004  
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	\$ 50,000	\$ 50,000	\$ 50,000	\$ 0	\$ 50,000	\$ 50,000
2 Constr Record Account/Diary	8,333	0	0	0	0	0
3 WEB-Based Right-of-Way Permits	50,000	0	0	0	0	0
4 Robotic Survey Equipment	16,667	0	0	0	0	0
5 Drinking Fountains in Public ROW	0	0	0	0	0	0
6 Bikeways	320,000	243,000	243,000	243,000	0	243,000
7 Sidewalk Program	2,300,000	2,300,000	2,300,000	1,300,000	1,000,000	2,300,000
8 Street Right of Way Landscaping	30,000	30,000	30,000	30,000	0	30,000
9 Tree Grate Repair	20,000	20,000	20,000	20,000	0	20,000
10 Materials and Compaction Testing	20,000	20,000	20,000	20,000	0	20,000
11 Yahara River Pkwy	0	0	0	0	0	0
12 Southwest Bike Path Phase IV	10,000	10,000	10,000	10,000	0	10,000
13 Capital City Trail	100,000	100,000	100,000	100,000	0	100,000
14 Sherman Flyer	50,000	0	0	0	0	0
15 E. Branch Starkweather Creek	384,000	384,000	384,000	77,000	307,000	384,000
16 W. Branch Starkweather Creek	0	0	0	0	0	0
17 Williamson/Winnebago	0	0	0	40,000	0	40,000
<b>Total</b>	<u>\$ 3,359,000</u>	<u>\$ 3,157,000</u>	<u>\$ 3,157,000</u>	<u>\$ 1,840,000</u>	<u>\$ 1,357,000</u>	<u>\$ 3,197,000</u>