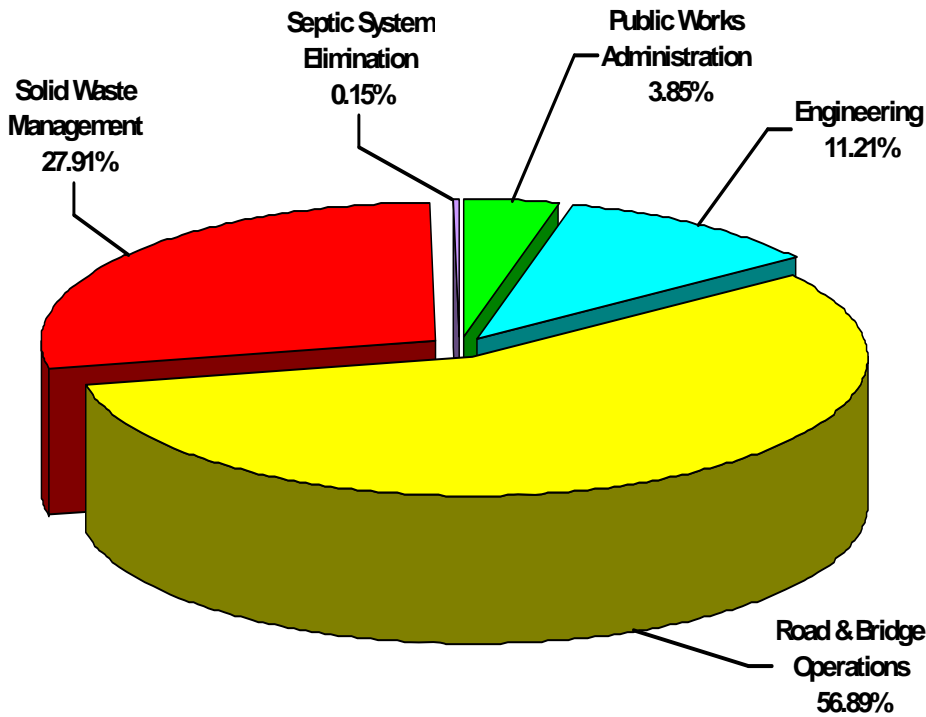


# PUBLIC WORKS

## 2006 Expenditures

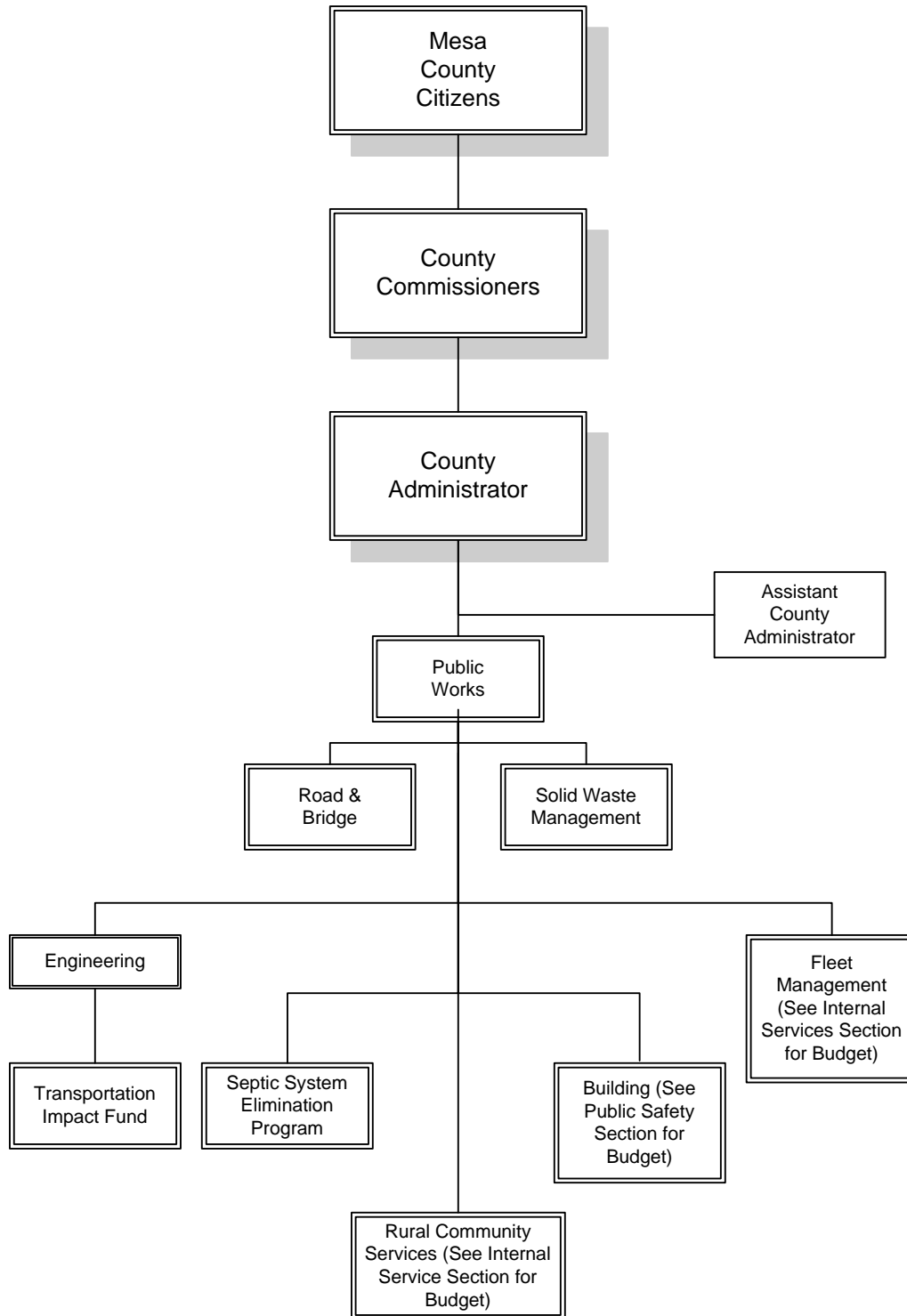


### Functions

- Public Works
- Engineering
- Road & Bridge
- Solid Waste Management
- Septic System Elimination

**COST PER CITIZEN: 21 CENTS PER DAY**

# PUBLIC WORKS



# PUBLIC WORKS

	Actual Audited			Projected 2005	Budget 2006
	2002	2003	2004		
<b>Revenues</b>					
Department Generated	\$9,836,817	\$10,125,203	\$10,787,503	\$10,641,099	\$11,376,994
General Support Required *	(517,688)	(50,431)	(1,523,328)	450,250	(1,533,134)
<b>Total Revenues</b>	\$9,319,129	\$10,074,772	\$9,264,175	\$11,091,349	\$9,843,860
* Taxes, Transfers or Fund Balance					
<b>Expenditures</b>					
Personnel	\$3,645,329	\$3,970,518	\$4,166,086	\$4,323,318	\$4,500,701
Operating	2,570,127	3,120,065	3,782,739	5,838,036	4,106,222
Capital Outlay	3,103,673	2,984,189	1,315,350	929,995	1,236,937
<b>Total Expenditures</b>	\$9,319,129	\$10,074,772	\$9,264,175	\$11,091,349	\$9,843,860
Authorized Personnel (FTE's)	68.00	70.00	72.00	71.00	72.00

## Public Works

### Expenditure Summary

	Actual Audited			Projected 2005	Budget 2006
	2002	2003	2004		
Public Works Administration	\$295,955	\$324,552	\$335,988	\$347,769	\$378,654
Engineering	701,296	807,480	990,667	1,419,447	1,103,316
Road & Bridge Operations	6,879,611	6,959,507	5,437,752	6,542,047	5,599,690
Solid Waste Management	1,442,267	1,983,233	2,494,057	2,772,637	2,747,200
Septic System Elimination	0	0	5,711	9,449	15,000
<b>Total</b>	\$9,319,129	\$10,074,772	\$9,264,175	\$11,091,349	\$9,843,860

## PUBLIC WORKS

*~Our Mission~*

*To provide professional administrative and technical support to the divisions and citizens of Mesa County for physical improvements through design and maintenance of roads, bridges, traffic control systems and building inspections.*

### Organizational Functions

Public Works provides administrative and technical support to the following departments: Road & Bridge, Engineering, Building, Fleet and Solid Waste. Additional duties include procurement of real property, easements and agreements for construction projects, condemnation proceedings where necessary, manage the disposal of county owned vacant lands, acquiring grants for Engineering, and provide oversight for the Capital Improvement Program.

### 2005 Accomplishments

- ◆ Received over \$3,200,000 in grants as follows:
  - ◇ \$500,000 for wastewater treatment plant in Whitewater
  - ◇ \$1,200,000 for entrance improvements of Central HG & Peachtree Shopping Center
  - ◇ \$1,500,000 for overlay roads within Mesa County

### Performance Measures

**Objective One:** To provide professional and technical support to the five divisions that comprise the Public Works Department.

**Performance Measurement:** Track the progress towards the achievement of the goals established in the performance measurements for the following divisions contained in the Public Works Department: Engineering, Road and Bridge Operations, Landfill, Traffic and Building Inspection.

**Goal:** Successful achievement of the goals established in the performance measurements for each of the divisions that comprise the Public Works Department.

**Objective Two:** Negotiate the acquisition of necessary county right-of-way in a timely and cost-effective manner.

**Performance Measurement:** Estimate the length of time and the cost it takes to acquire necessary county right-of-ways. Track the accuracy of these estimates. Track the number of times estimates are accurate or inaccurate. When an estimate of time or cost is inaccurate record the reason for the inaccuracy according to the following categories: lack of resources, plan changed, excessive litigation, underestimation, problems arising from the method for Public Use, County Attorney will not accept the standards established by Public Works for the purchase.

**Goal:** Use data collected in FY05 to establish a benchmark for determining goals in future years.

# PUBLIC WORKS

## Performance Measures

**Objective Three:** Provide timely, accurate and courteous service to citizens interacting with any of the divisions comprising the Public Works Department.

**Performance Measurement:** Track the number of complaints that are referred to the Public Works Director by division heads, citizens or the Board of County Commissioners. Determine the number of complaints that are legitimate or perceived problems. For perceived problems, track the number of complaints that are repetitive and the number of complaints that are one-time occurrences. Track the number of legitimate problems that can or cannot be resolved. Track the percentages of complaints that fall into each category and the response.

**Goal:** All legitimate complaints that can be addressed are resolved. All legitimate complaints that cannot be addressed immediately are addressed through communication with the complainant explaining why the concern cannot be resolved immediately, and when resolution can be expected. All perceived problems are responded to through written communication explaining why the Public Works Department cannot resolve the problem.

**Objective Four:** Provide responses to all Freedom of Information Act (FOIA) requests without incurring costs to the county.

**Performance Measurement:** Track the actual costs incurred by Department personnel in responding to FOIA requests. Track the amount charged to citizens for responding to their FOIA requests.

**Goal:** Fees collected for responding to FOIA requests should equal but not exceed the cost of responding to a FOIA request.

**Objective Five:** Secure and properly manage grant money available from sources outside county government used to provide revenue for accomplishing the mission of the Public Works Department.

**Performance Measurement One:** Track the percentage of the Public Works Departments' annual budget that is paid for with grant money.

**Goal:** Use data collected over FY05 and FY06 as a benchmark for determining future goals.

**Performance Measurement Two:** Track the number of times funding is withheld or withdrawn by a grant provider due to mismanagement of the grant; report results annually.

**Goal:** No money should ever be withheld or withdrawn by the provider of a grant.

# PUBLIC WORKS

## MANAGING DEPARTMENT: COUNTY ADMINISTRATOR

**Revenues**

Department Generated  
General Support Required \*

**Total Revenues**

\* Taxes, Transfers or Fund Balance

**Expenditures**

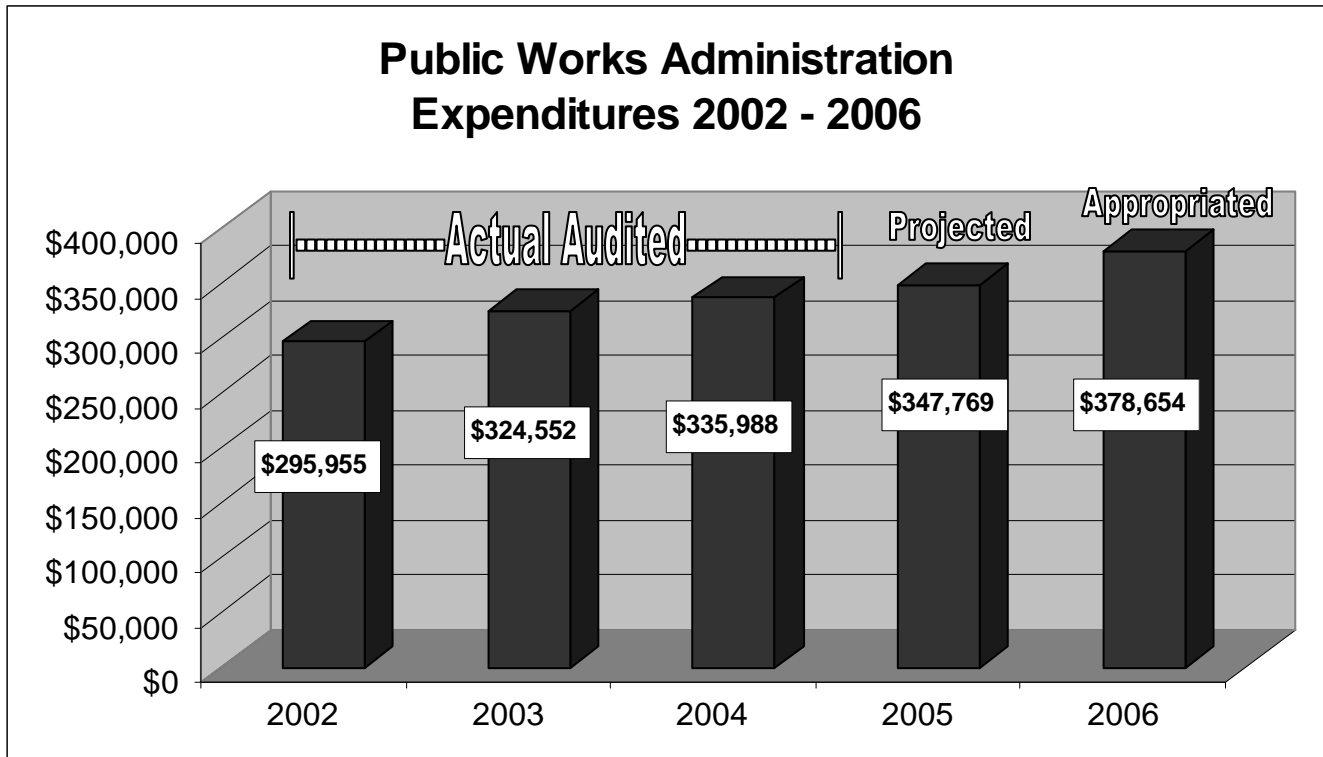
Personnel  
Operating  
Capital Outlay

**Total Expenditures**

	Actual Audited			Projected	Budget
	2002	2003	2004	2005	2006
Department Generated	\$12,798	\$9,076	\$9,614	\$9,817	\$8,000
General Support Required *	283,157	315,476	326,374	337,952	370,654
<b>Total Revenues</b>	<b>\$295,955</b>	<b>\$324,552</b>	<b>\$335,988</b>	<b>\$347,769</b>	<b>\$378,654</b>
Personnel	\$286,718	\$315,292	\$326,441	\$338,476	\$364,331
Operating	8,738	8,544	9,547	9,293	14,323
Capital Outlay	499	716	0	0	0
<b>Total Expenditures</b>	<b>\$295,955</b>	<b>\$324,552</b>	<b>\$335,988</b>	<b>\$347,769</b>	<b>\$378,654</b>

**Authorized Personnel (FTE's)**

5.00      5.00      5.00      5.00      5.00



# ENGINEERING

*~Our Mission~*

*To design, construct, and administer all public infrastructure projects within Mesa County in order to assure a safe and reliable system for the benefit of visitors and Mesa County residents.*

## Organizational Function

The Engineering Division implements \$10 - \$14 million annually on Capital Projects for roads, bridges and storm water drainage; manages traffic control signs, signals and road striping as well as collects traffic data on County roads; administers FEMA Floodplain requirements; upkeeps the Public Land Survey System; issues permits for work in public right-of-way, driveways and floodplain; implements the Federal Clean Water Act Storm water Permits and activities; implements the new Traffic Impact Fee Program.

## 2005 Accomplishments

### Capital Projects:

- ◆ Construction continued on the Colorado River Bridge at 29 Road with no lost time accidents
- ◆ Contract awarded to complete the 33 Road Corridor Plan
- ◆ Contract awarded for the bridge replacement at 19 Rd & L.4
- ◆ Contract awarded for the maintenance and repair for the Mack Drainage Master Plan

### Permits:

- ◆ Issued 699 Underground Utility and 16 Surface Alteration
- ◆ Issued 393 Driveway Permits
- ◆ For FEMA Floodplain issued 4 permits, 93 planning clearances and 74 Development Applications

### Clean Water Act Stormwater Permit:

- ◆ Issued a Municipal Operation Plan
- ◆ Partnered on grants for water quality studies and information
- ◆ Gave technical support to Drainage Authority

# ENGINEERING

## Performance Measures

**Objective One:** Implement Capital Improvement Projects (CIP) plan.

**Performance Measurement:** Track the time and cost for completion of projects identified in the Capital Construction plan

**Goal:** Projects identified in the Capital Construction plan will be completed on time at a cost equal to or below estimates

**Objective Two:** Provide oversight for the safety of all county bridges.

**Performance Measurement:** Inspect the structural integrity for all county bridges every two years and for all minor county bridges every three years.

**Goal:** No bridge should fall below the 50% sufficiency rating. Bridges nearing this rating should be scheduled, within funding availability, for replacement or repairs in the following time frames:

- ◆ Bridges on arterials – first priority
- ◆ Bridges on collectors – second priority
- ◆ Bridges on local streets – third priority

**Objective Three:** Develop a county storm water plan that complies with the federal Clean Water Act.

**Performance Measurement:** Compare actions taken to develop storm water plan with existing schedule for development of the plan.

**Goal:** Complete scheduled activities on time.

**Objective Four:** Provide timely, accurate information to anyone involved in the development of flood-prone properties.

**Performance Measurement:** Track the time it takes to review flood plain permit material submitted to the county.

- Goals:**
- 1) Complete 90% of flood plain reviews within assigned time frame
  - 2) Answer questions about NFIP mapped flood plains within 5 days.

**Objective Five:** Provide timely, accurate information to the public about right-of-way.

**Performance Measurement:** Track the time it takes to respond to public inquiries about right-of-way.

**Goal:** Complete 90% of public inquiries within five working days.

**Objective Six:** Provide timely, accurate information to anyone involved in the development process.

**Performance Measurement:** Track the time it takes to review survey plats and engineering plans submitted to the County Planning Department.

**Goal:** Complete review of 90% of Development applications within assigned time frame.

## ENGINEERING MANAGING DEPARTMENT: PUBLIC WORKS

**Revenues**

Department Generated  
General Support Required \*

**Total Revenues**

\* Taxes, Transfers or Fund Balance

**Expenditures**

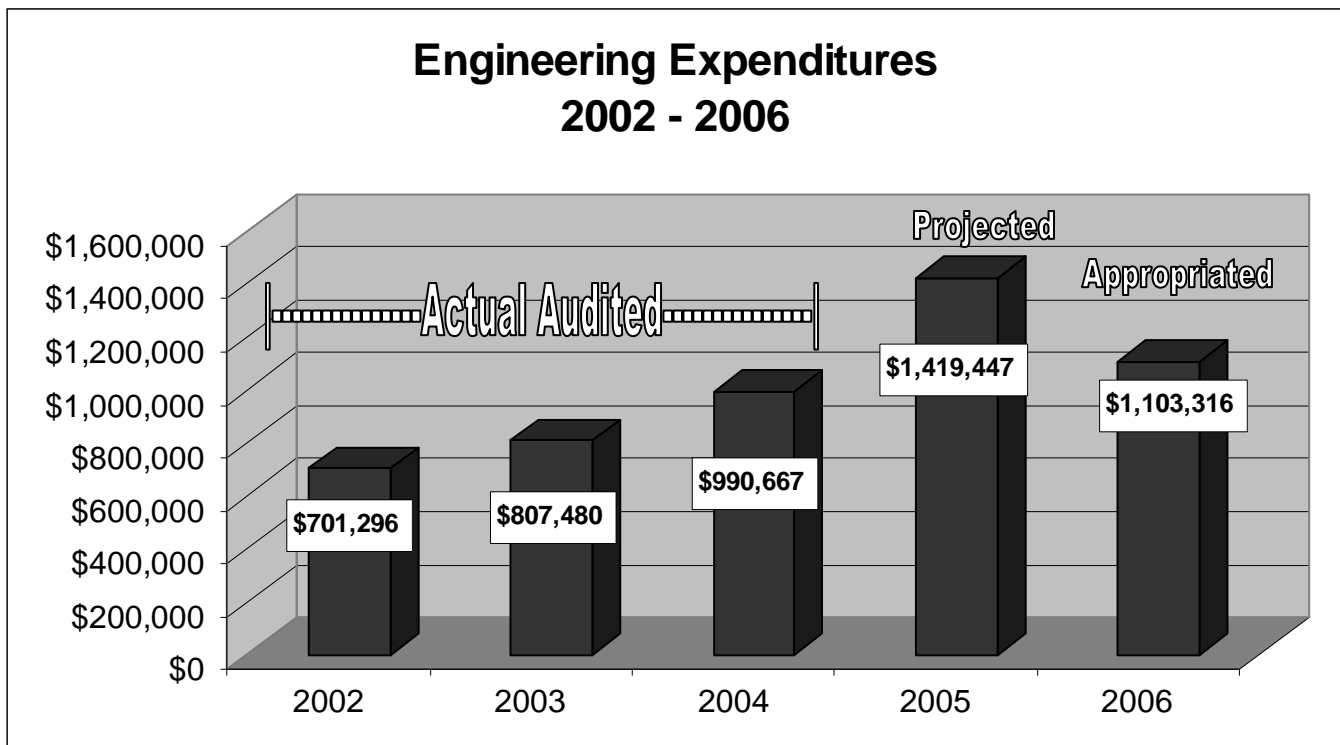
Personnel  
Operating  
Capital Outlay

**Total Expenditures**

	Actual Audited			Projected	Budget
	2002	2003	2004	2005	2006
Department Generated	\$132,300	\$36,299	\$119,683	\$133,367	\$126,061
General Support Required *	568,996	771,181	870,984	1,286,080	977,255
<b>Total Revenues</b>	<b>\$701,296</b>	<b>\$807,480</b>	<b>\$990,667</b>	<b>\$1,419,447</b>	<b>\$1,103,316</b>
Personnel	\$616,721	\$721,472	\$863,748	\$927,495	\$902,117
Operating	84,575	84,433	126,543	491,952	201,199
Capital Outlay	0	1,575	376	0	0
<b>Total Expenditures</b>	<b>\$701,296</b>	<b>\$807,480</b>	<b>\$990,667</b>	<b>\$1,419,447</b>	<b>\$1,103,316</b>

**Authorized Personnel (FTE's)**

9.00                  11.00                  13.00                  11.00                  11.00



## ROAD & BRIDGE OPERATIONS

*~Our Mission~*

*To provide the transportation industry and the motoring public with a road and bridge system which is protected, preserved and well maintained in order to maximize infrastructure life at minimum long-term cost and to ensure a safe and efficient transportation system as per State statutes that regulate the certified road system.*

### Organizational Function

The Road & Bridge Department maintains a safe road and bridge system, maintains cattle guards, provides snow and ice control, repairs curbs and gutters and controls brush and weeds in right of ways in order to maximize infrastructure life and ensure a safe and efficient transportation system.

### 2005 Accomplishments

- ◆ Snowplowing efforts were exemplary with crews being dispatched at all hours to plow and control ice build-up for just over 1,000 miles each snowstorm.
- ◆ The asphalt resurfacing program continues but the ability to maintain a successful program is diminished due to rising costs in petroleum products. Over 35 miles of asphalt roads were overlaid with new pavement (primarily on H Road; 22 Road; and 16 Road) and 43 miles were seal coated (we should be doing closer to 50 miles).
- ◆ Cattle Guards were constructed and installed throughout Mesa County
- ◆ Guard Rail work continues as repairs are necessary due to damage caused by accidents.

# ROAD & BRIDGE OPERATIONS

## Performance Measures

**Objective One:** Maintain and preserve all county roads through effective and timely use of crack sealing, chip sealing and overlay programs.

**Performance Measurement:** On an annual basis rate all county roads on a 1-10 basis with one indicating the best condition and 10 indicating the worst condition.

**Goal:** Use the data collected during FY05 to establish a benchmark for determining future goals for acceptable conditions of county roads.

**Objective Two:** Maintain cost effective crack seal, chip seal and overlay programs.

**Performance Measurement:** On an annual basis determine the unit cost for the crack seal, chip seal and overlay programs. Identify other appropriate counties using the Pubworks system and compare unit costs.

**Goal:** Unit costs for each program should be equal to or less than the average of other comparable counties

**Objective Three:** Maintain and preserve all below the road surface structures to include culverts, drains, and cattle guards, etc.

**Performance Measurement:** On an annual basis rate the condition of all below the road structures on a 0-5 basis with 0 meaning a rating can not be determined, 5 meaning a structure has been abandoned, and 1 indicating best condition through 4 meaning worst condition.

**Goal:** Use the data collected in FY05 to establish a benchmark for determining goals in future years.

**Objective Four:** Provide a street sweeping program that successfully limits the clogging of storm water drains due to excessive buildup of sand, gravel and other debris.

**Performance Measurement:** On an annual basis, track the number of storm water drains that are clogged and need to be cleaned out.

**Goal:** Use data in FY05 to establish a benchmark for establishing goals in future years.

**Objective Five:** Keep labor costs as low as possible.

**Performance Measurement:** Determine the labor cost savings from participating in the Inmate Work Program with the County jail by using the following formula: Multiply the number of inmate/workers by the number of days worked by \$30.00 a day.

**Goal:** Use data collected in FY05 to establish a benchmark for determining future goals.

## ROAD & BRIDGE OPERATIONS

### MANAGING DEPARTMENT: PUBLIC WORKS

**Revenues**

Department Generated  
General Support Required \*

**Total Revenues**

\* Taxes, Transfers or Fund Balance

**Expenditures**

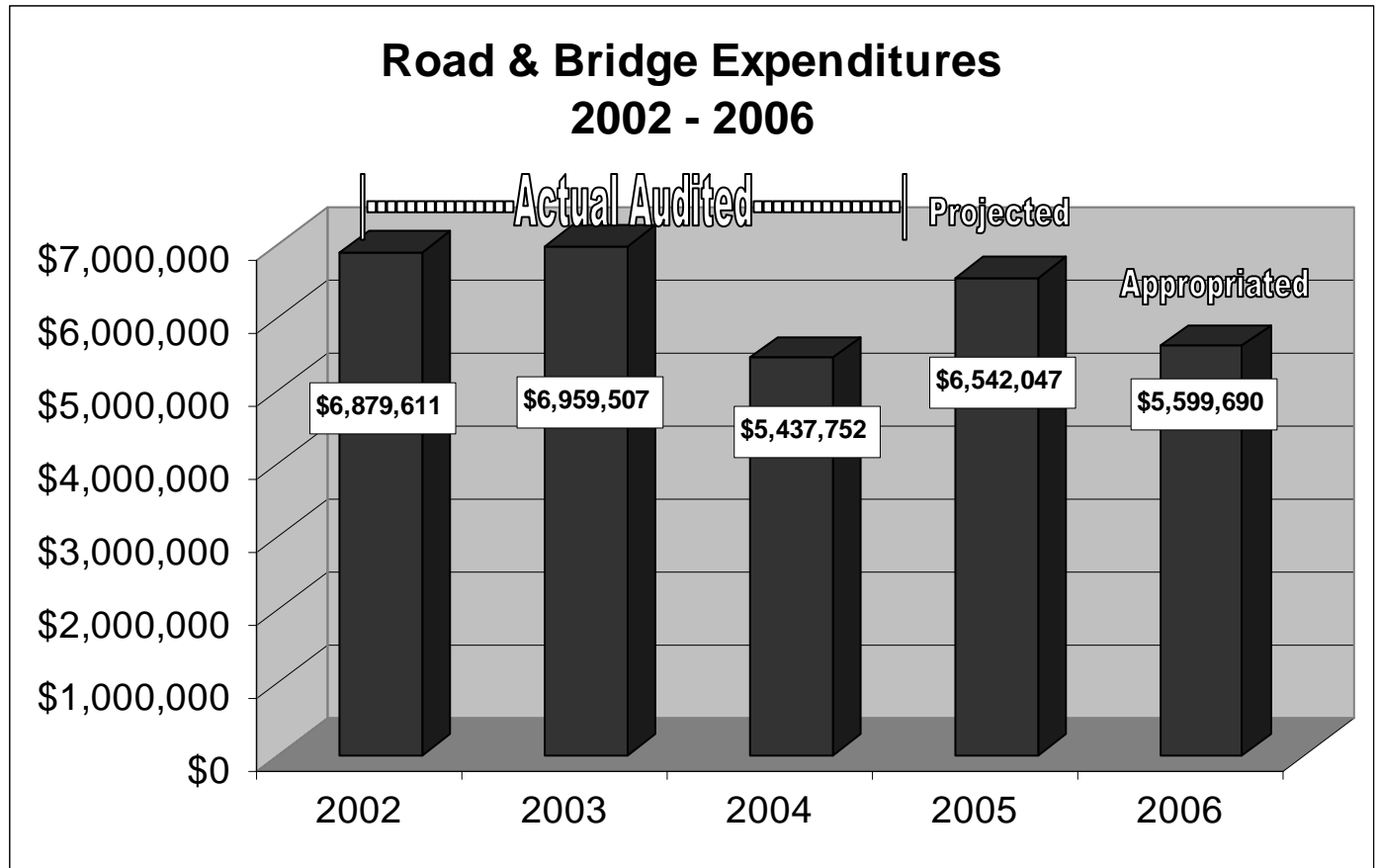
Personnel  
Operating  
Capital Outlay

**Total Expenditures**

	← 2002	Actual Audited 2003	2004 →	Projected 2005	Budget 2006
Department Generated	\$831,306	\$442,025	\$642,158	\$567,739	\$576,332
General Support Required *	6,048,305	6,517,482	4,795,594	5,974,308	5,023,358
<b>Total Revenues</b>	<b>\$6,879,611</b>	<b>\$6,959,507</b>	<b>\$5,437,752</b>	<b>\$6,542,047</b>	<b>\$5,599,690</b>
Personnel	\$2,491,710	\$2,638,496	\$2,682,959	\$2,735,215	\$2,886,768
Operating	1,284,727	1,339,338	1,439,819	2,880,934	1,479,985
Capital Outlay	3,103,174	2,981,673	1,314,974	925,898	1,232,937
<b>Total Expenditures</b>	<b>\$6,879,611</b>	<b>\$6,959,507</b>	<b>\$5,437,752</b>	<b>\$6,542,047</b>	<b>\$5,599,690</b>

**Authorized Personnel (FTE's)**

50.00      50.00      50.00      50.00      51.00



# SOLID WASTE MANAGEMENT SYSTEM

*~Our Mission~*

*To manage the Mesa County Solid Waste Management system as a publicly owned and privately operated utility for the disposal, recycling and reuse of municipal solid waste generated in Mesa County in order to maintain a viably priced and accessible disposal option which, in turn allows County residents to maintain a clean, healthy and aesthetically pleasing environment.*

## Organizational Function

The Solid Waste Management division operates a dynamic myriad of activities managing the municipal solid and hazardous waste generated in Mesa County. Duties include providing public education, administering the contract of the Landfill and Transfer Stations, operating the Household Hazardous Waste Program, managing the Commercial Composting Program and implementation oversight of the Solid Waste Management Plan. In addition, the Division is required to maintain the plan for placement of a final cover to the Landfill site within six months of the date it stops accepting waste and to perform certain maintenance and monitoring functions for thirty years after closure. The remaining estimated life of the landfill is approximately fifty years and the County expects to close the landfill in the year 2049. For purposes of budgetary comparisons, the 2000, 2001 and 2002 actual expenditures, do not include non cash adjustments of \$468,934, (\$306,428), and (\$107,506) respectively. Please see the Fund Summary section for additional details concerning ending retained earnings.

## 2005 Accomplishments

### Hazardous Waste Collection:

- ◆ Collected over 499 tons of material diverting it from the landfill disposal
- ◆ Served 3,900 residents and 191 small businesses

### Education Program

- ◆ Provided campus tours to over 1,100 individuals
- ◆ Provided presentation materials or made contact with over 3,700 individuals

◆

### Solid Waste Administration

- ◆ Initiated program for biosolids and animal mortality composting
- ◆ Increased landfill hours during daylight savings time
- ◆ Held a 2nd Landfill Free Day in the fall of 2005

# SOLID WASTE MANAGEMENT SYSTEM

## Performance Measures

**Objective One:** Provide viably priced tipping fees for all solid waste disposal services.

**Performance Measurement:** Compare prices and services offered with other county landfills in the surrounding areas.

- Goals:**
- 1) Fees will be at or below surrounding counties
  - 2) Variety of services provided by the Mesa County landfill will be equal to or exceed other county landfills in the surrounding areas

**Objective Two:** Encourage the use of alternative methods of disposal of solid waste.

**Performance Measurement:** Track the utilization of the following alternative special waste management programs:

1. Compost: Track the annual amount by the yard of compost sold. Also track the number of bags of compost sold.
2. Small Generator Program: On an annual basis track the number of small businesses that utilize the program and the total amount of hazardous waste collected from the businesses.
3. Used Syringe Collection Program: On an annual basis track the number of homes utilizing the program.
4. Household Hazardous Waste Program: On an annual basis track the number of households utilizing the program.
5. Reuse Program: On an annual basis determine the cost savings for putting product back in use versus disposing of properly.

**Goal:** These programs are relatively new so the data collected should be used to establish a benchmark for evaluation of trends in each program. In the future, goals can be established that will accurately reflect these trends.

**Objective Three:** Decrease the amount of litter around the landfill caused by uncovered loads.

**Performance Measurement:** On an annual basis track the number of vehicles utilizing the landfill and the number of vehicles charged extra fees for uncovered loads.

**Goal:** No less than 95% of all vehicles comply with requirement to cover loads.

**Objective Four:** Provide an outreach program to encourage use of alternative waste management programs.

**Performance Measurement One:** Compare utilization of a specific program advertised to the utilization of the program after advertising begins.

**Performance Measurement Two:** Include the following questions in the two-year Mesa County survey. For each waste management program ask the following questions:

- ◆ Are you aware of the program?
- ◆ Are you able to use the program?
- ◆ Do you use the program?
- ◆ How often do you use the program?

**Goals:** Initial data collections should be used to establish benchmarks and trends. Expectation is that program utilization should increase after advertising begins. Over time, more and more citizens should be aware of programs and should use them.

## SOLID WASTE MANAGEMENT SYSTEM MANAGING DEPARTMENT: PUBLIC WORKS

**Revenues**

Department Generated  
General Support Required \*

**Total Revenues**

\* Taxes, Transfers or Fund Balance

**Expenditures**

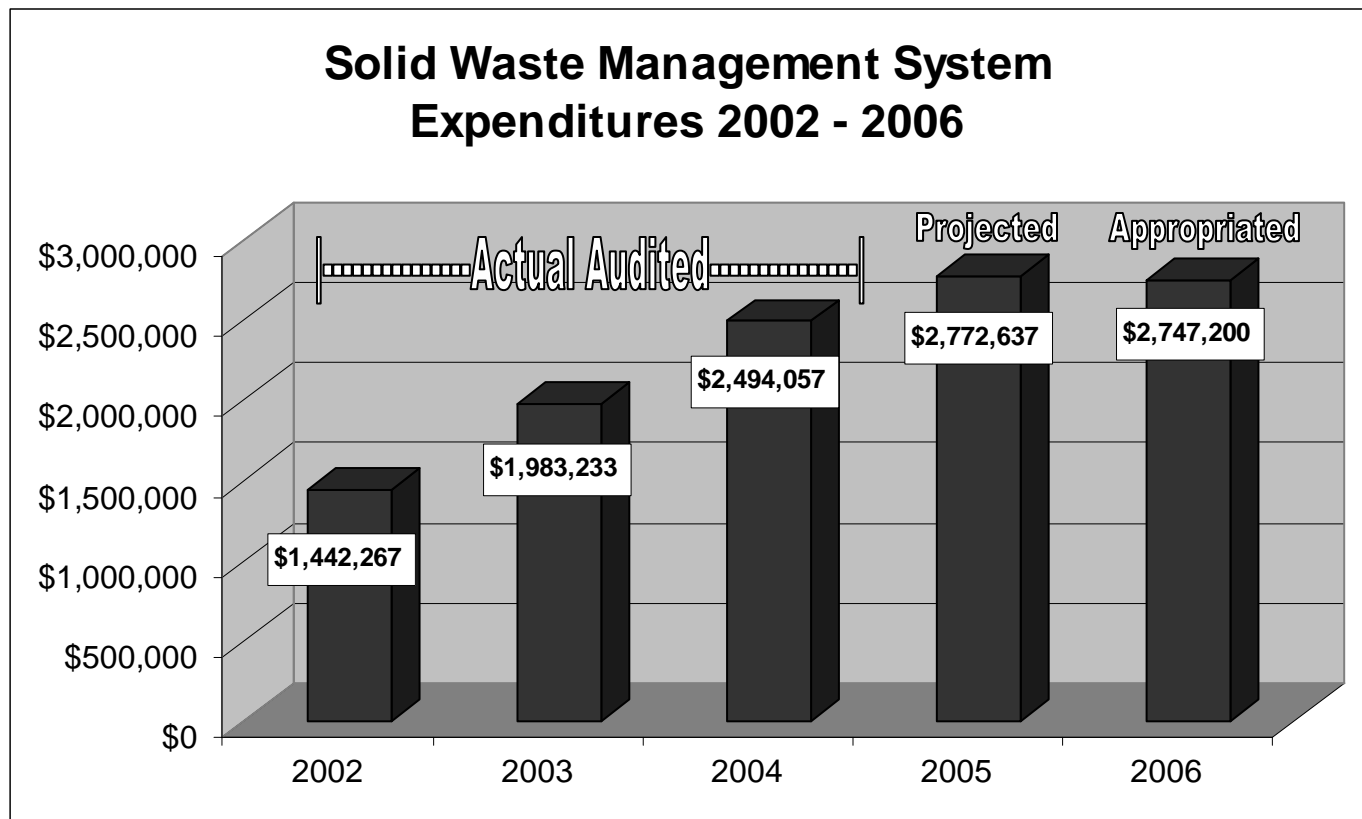
Personnel  
Operating  
Capital Outlay

**Total Expenditures**

	Actual Audited			Projected	Budget
	2002	2003	2004	2005	2006
Department Generated	\$2,911,102	\$3,424,819	\$3,367,528	\$3,457,395	\$3,959,000
General Support Required *	(1,468,835)	(1,441,586)	(873,471)	(684,758)	(1,211,800)
<b>Total Revenues</b>	<b>\$1,442,267</b>	<b>\$1,983,233</b>	<b>\$2,494,057</b>	<b>\$2,772,637</b>	<b>\$2,747,200</b>
Personnel	\$250,180	\$295,258	\$292,938	\$322,132	\$347,485
Operating	1,192,087	1,687,750	2,201,119	2,446,533	2,395,715
Capital Outlay	0	225	0	3,972	4,000
<b>Total Expenditures</b>	<b>\$1,442,267</b>	<b>\$1,983,233</b>	<b>\$2,494,057</b>	<b>\$2,772,637</b>	<b>\$2,747,200</b>

**Authorized Personnel (FTE's)**

4.00      4.00      4.00      5.00      5.00



# SEPTIC SYSTEM ELIMINATION PROGRAM

## Organization Functions

The Septic System Elimination Program accounts for revenues and expenditures related to the formation of Local Improvement Districts (LID). These expenditures may include items such as advertising the LID or purchasing easements. Historically the LIDs have been located in unincorporated Mesa County. Once the LID is formed it becomes a component of the Persigo Sewer System. The City of Grand Junction and Mesa County have developed the process of LID formation and subsequent transfer by using the Persigo agreement as the framework to identify responsibilities and payment procedures

### Revenues

Department Generated  
General Support Required \*

### Total Revenues

\* Taxes, Transfers or Fund Balance

### Expenditures

Personnel  
Operating  
Capital Outlay

### Total Expenditures

	← 2002	Actual Audited 2003	→ 2004	Projected 2005	Budget 2006
Department Generated	\$0	\$0	\$31,034	\$0	\$0
General Support Required *	0	0	(25,323)	9,449	15,000
<b>Total Revenues</b>	\$0	\$0	\$5,711	\$9,449	\$15,000
Personnel	\$0	\$0	\$0	\$0	\$0
Operating	0	0	5,711	9,324	15,000
Capital Outlay	0	0	0	125	0
<b>Total Expenditures</b>	\$0	\$0	\$5,711	\$9,449	\$15,000

Authorized Personnel (FTE's)

0.00      0.00      0.00      0.00      0.00

## Septic System Elimination Program Expenditures 2002 - 2006

