

Public Works

About Public Works

The Public Works Department is responsible for maintenance and improvements to the City's infrastructure, which includes 130 miles of streets and 36 miles of storm sewers throughout the City.

Public Works administers and polices all construction activities within the street right-of-ways. In addition, the City's fleet vehicles and equipment are managed and maintained through Public Works.

Public Works also assists the Community Development Department in review of commercial and residential development projects and building permit applications as related to engineering matters.



2009 Budget Highlights

- Completion of transportation improvements for the Cabela's Shopping Center
- Extend the Arvada Channel from Miller Street to Oak Street in the Columbine Basin

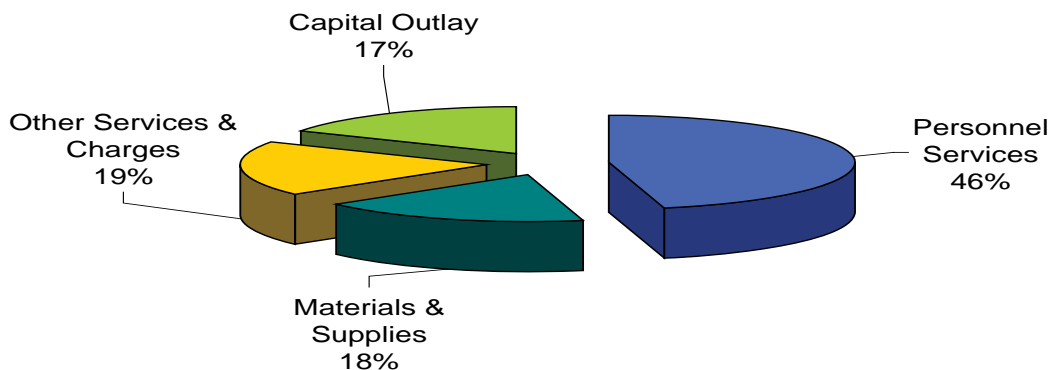
Public Works

Staffing and Financial Summary

	2006 Authorized	2007 Authorized	2008 Authorized	2009 Authorized
Administration	1	1	1	1
Engineering	12	12	12	12
Operations	16	16	16	16
TOTAL	29	29	29	29

	2007 Actual	2008 Adjusted	2008 Estimated	2009 Adopted
Personnel Services	\$1,845,077	\$1,974,296	\$1,923,924	\$2,018,924
Materials & Supplies	\$649,272	\$564,800	\$564,250	\$766,680
Other Services & Charges	\$660,394	\$876,370	\$875,870	\$822,630
Capital Outlay	\$409,208	\$758,328	\$658,327	\$358,800
TOTAL	\$3,563,951	\$4,173,794	\$4,022,371	\$3,967,034

Total 2009 Budget by Object

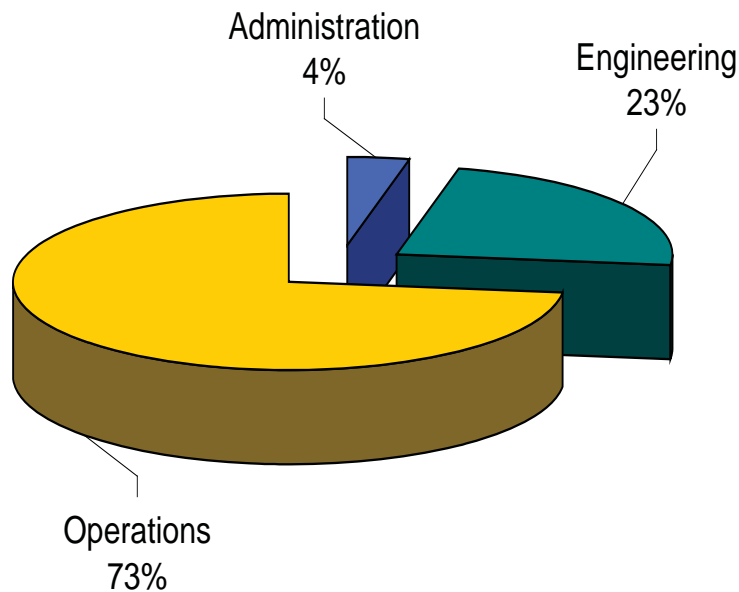


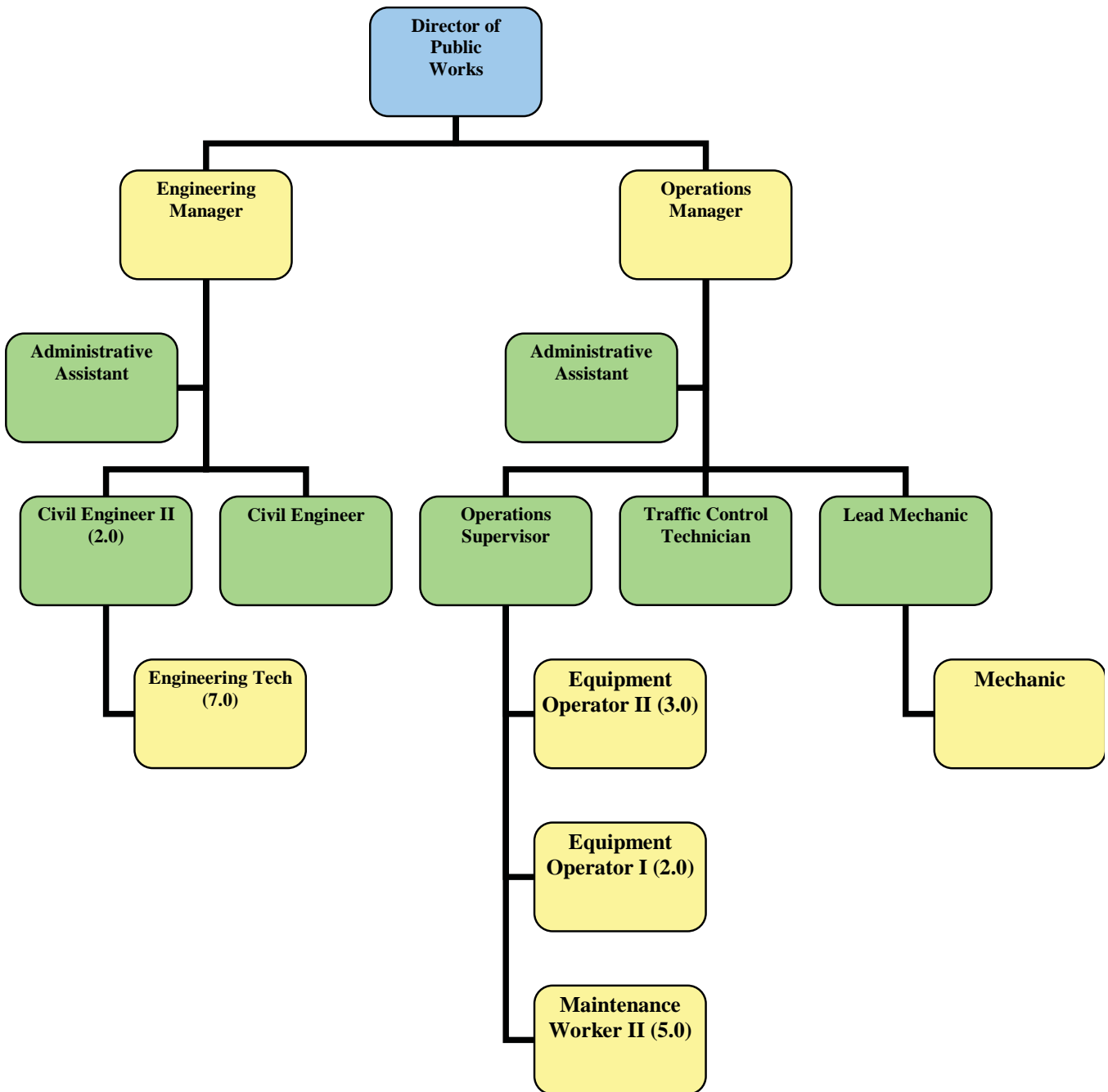
Public Works

Total Budget by Program

	2007 Actual	2008 Adjusted	2008 Estimated	2009 Adopted
Administration	\$141,226	\$148,617	\$150,220	\$156,478
Engineering	\$912,815	\$1,072,759	\$1,043,193	\$1,001,403
Operations	\$2,509,910	\$2,952,418	\$2,828,958	\$2,809,153
TOTAL	\$3,563,951	\$4,173,794	\$4,022,371	\$3,967,034

Total Budget by Program







**PUBLIC WORKS
PROGRAMS**

Administration

Engineering

Operations



DID YOU KNOW

The Interstate Highway System was originally funded and authorized in 1944 as a national defense highway network.

Administration

Overview

- Maintain and improve the City's infrastructure.
- Maintain and manage improvements to the 130 miles of streets and 36 miles of storm sewers throughout the City.
- Assist the Community Development Department in review of commercial and residential development projects and building permit applications.
- Administer and police all construction activities within the street rights-of-way.
- Manage and maintain the City's fleet vehicles and equipment.

2008 Achievements

- Completion of the engineering design for the transportation improvements required by the proposed Cabela Shopping Center.
- Annexation of additional property to be included in the Cabela Shopping Center.
- Receipt of a grant from the Urban Drainage and Flood Control District for the extension of the Arvada Channel drainage improvement.
- Receipt of a grant from the Urban Drainage and Flood Control District for the acquisition of a property along Lena Gulch required for flood control.
- Acquisition of property adjacent to the City Maintenance Facility required for consolidation of all City maintenance operations.
- Adoption of new flood plain maps for Lena Gulch and Clear Creek.

2009 Objectives

- Construction of all infrastructure required to support the new Cabela Shopping Center.
- Improve bus transit service.
- Investigate franchising trash service in the City.

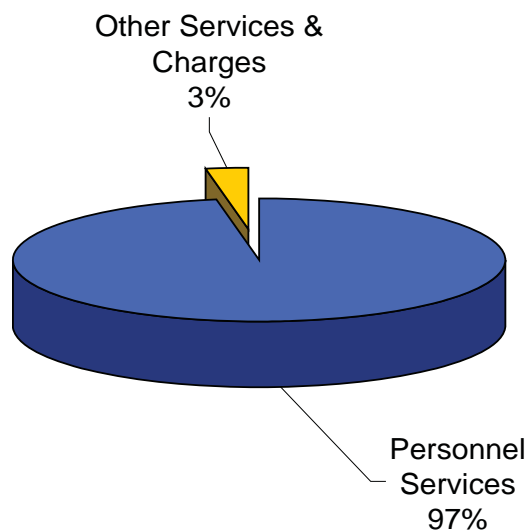
Administration

Staffing and Financial Summary

	2006 Authorized	2007 Authorized	2008 Authorized	2009 Authorized
Public Works Director	1	1	1	1
TOTAL	1	1	1	1

	2007 Actual	2008 Adjusted	2008 Estimated	2009 Adopted
Personnel Services	\$137,803	\$144,517	\$146,120	\$152,228
Materials & Supplies	\$9	\$0	\$0	\$100
Other Services & Charges	\$3,414	\$4,100	\$4,100	\$4,150
Capital Outlay	\$0	\$0	\$0	\$0
TOTAL	\$141,226	\$148,617	\$150,220	\$156,478

Total 2009 Budget by Object



**PUBLIC WORKS
PROGRAMS**

Administration

Engineering

Operations



DID YOU KNOW

*There are 788
properties in the
Lena Gulch and Clear
Creek floodplains in
Wheat Ridge.*

Engineering

Overview

- Plan and administer the design and construction of street, drainage and traffic improvement projects and preventive street maintenance projects identified in the Capital Investment Program.
- Review proposed development construction documents such as: roadway design plans, grading and drainage plans, along with final drainage reports, for compliance with city specifications.
- Process Right-of-Way Construction permits and approve traffic control plans.
- Respond to Service Requests as required.
- Support the Community Development Department on proposed development matters related to engineering.

2008 Achievements

- Completed the third phase of the Geographical Information System (GIS) Implementation Plan.
- Renewed the State Stormwater Management Permit.
- Publication of the Draft Gold Line Environmental Impact Statement.
- Designed and constructed a monument sign and landscaping at the I-70/ Kipling Street Interchange.
- Completion of the 40th Underpass of I-70.
- Completion of the multi-phase upgrade of the City Hall HVAC system.
- Implementation of the new bus shelter program throughout the City.
- Designed and installed warning sirens along Lena Gulch and Clear Creek.

2009 Objectives

- Completion of the infrastructure required for the Cabela's Shopping Center.
- Extend the Arvada Channel from Miller Street to Oak Street in the Columbine Basin outfall system.

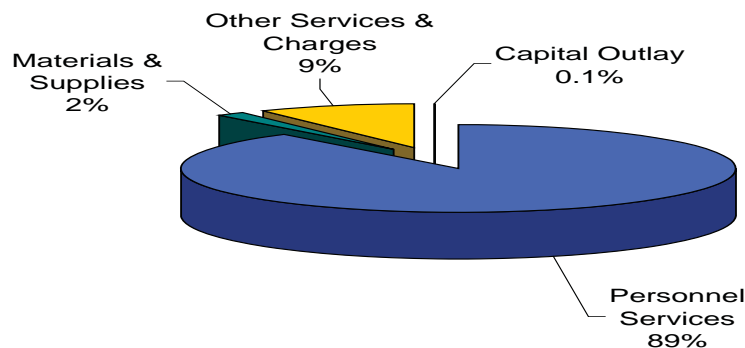
Engineering

Staffing and Financial Summary

	2006 Authorized	2007 Authorized	2008 Authorized	2009 Authorized
Engineering Manager	1	1	1	1
Administrative Assistant	1	1	1	1
Civil Engineer II	2	2	2	2
Civil Engineer	1	1	1	1
Engineering Technician	7	7	7	7
TOTAL	12	12	12	12

	2007 Actual	2008 Adjusted	2008 Estimated	2009 Adopted
Personnel Services	\$798,443	\$882,789	\$853,773	\$896,143
Materials & Supplies	\$18,812	\$16,300	\$15,750	\$12,080
Other Services & Charges	\$66,444	\$159,670	\$159,670	\$92,380
Capital Outlay	\$29,116	\$14,000	\$14,000	\$800
TOTAL	\$912,815	\$1,072,759	\$1,043,193	\$1,001,403

Total 2009 Budget by Object



**PUBLIC WORKS
PROGRAMS**

Administration

Engineering

Operations



DID YOU KNOW

Idling a vehicle engine for one (1) hour produces engine wear equivalent to that experienced by driving the vehicle thirty (30) miles.

Operations

Overview

- Provide routine and preventive maintenance services for streets, alleys, storm sewers and walkways within the public rights-of-way.
- Manage over 230 pieces in the City's automotive fleet and power equipment.
- Provide snow removal and ice control on City streets.

2008 Achievements

- Completion of a sign inventory data base for the GIS.
- Completion of the upgrade of traffic signal equipment.
- Completion of standard operating procedures for storm sewer maintenance.

2009 Objectives

- Enhance traffic signal communications capabilities.
- Complete a Manual of Standard Operating Procedures.

2009 Equipment Replacements and Additions:

- 4 police patrol sedans
- 1 police patrol SUV
- 1 police community service truck
- 1 Parks 4X2 large pickup truck with Tommy Lift
- 1 Parks small 4X2 pickup
- 1 Parks mowers
- 1 Public Works dump truck with plow
- 1 Public Works street sweepers

Operations

Staffing and Financial Summary

	2006 Authorized	2007 Authorized	2008 Authorized	2009 Authorized
Operations Manager	1	1	1	1
Operations Supervisor	1	1	1	1
Administrative Assistant	1	1	1	1
Equipment Operator II	3	3	3	3
Equipment Operator I	2	2	2	2
Maintenance Worker II	5	5	5	5
Traffic Control Technician	1	1	1	1
Lead Mechanic	1	1	1	1
Mechanic	1	1	1	1
TOTAL	16	16	16	16

	2007 Actual	2008 Adjusted	2008 Estimated	2009 Adopted
Personnel Services	\$908,831	\$946,990	\$924,031	\$970,553
Materials & Supplies	\$630,451	\$548,500	\$548,500	\$754,500
Other Services & Charges	\$590,536	\$712,600	\$712,100	\$726,100
Capital Outlay	\$380,092	\$744,328	\$644,327	\$358,000
TOTAL	\$2,509,910	\$2,952,418	\$2,828,958	\$2,809,153

Total 2009 Budget by Object

