

# Public Works

## About Public Works

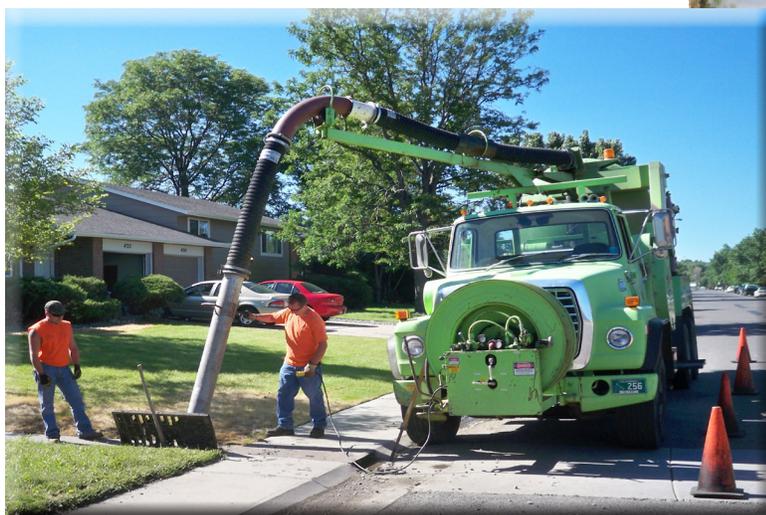
The Public Works Department is responsible for maintenance and improvements to the City's infrastructure, which includes 130 miles of streets and 36 miles of storm sewers throughout the City.

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.

### 2011 Budget Highlights

- Establish a trash collection franchise
- Implement the first major replacement of vehicles and equipment in three years
- Complete the Bicycle and Pedestrian Master Plan



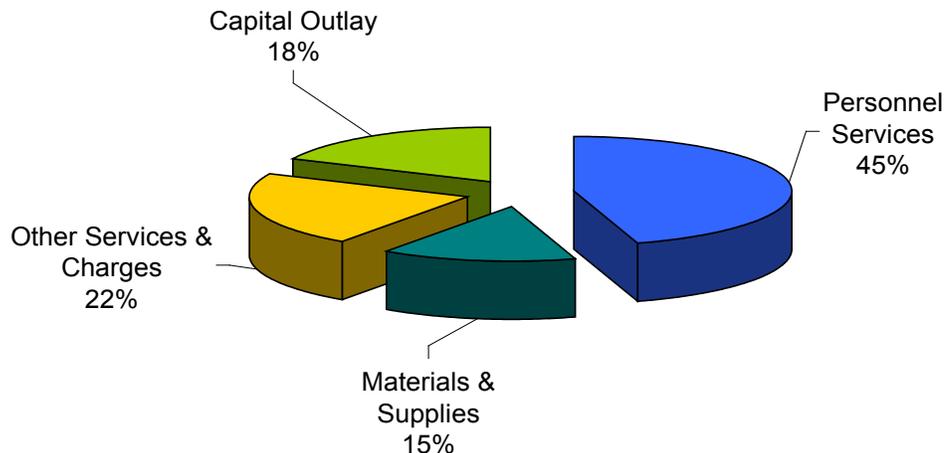
# Public Works

## Staffing and Financial Summary

	2008 Authorized	2009 Authorized	2010 Authorized	2011 Authorized
Administration	1	1	1	1
Engineering	12	12	12	12
Operations	1	1	1	1
<b>TOTAL</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>

	2009 Actual	2010 Adjusted	2010 Estimated	2011 Adopted
Personnel Services	\$1,963,137	\$1,988,388	\$1,948,576	\$2,029,413
Materials & Supplies	\$489,942	\$652,381	\$652,131	\$650,850
Other Services & Charges	\$753,613	\$826,080	\$826,080	\$997,480
Capital Outlay	\$173,175	\$198,956	\$190,477	\$820,850
<b>TOTAL</b>	<b>\$3,379,867</b>	<b>\$3,665,805</b>	<b>\$3,617,264</b>	<b>\$4,498,593</b>

**Total 2011 Budget by Object**

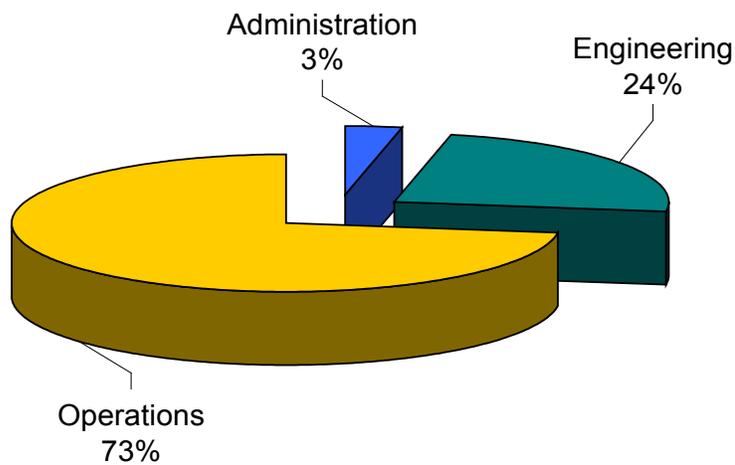


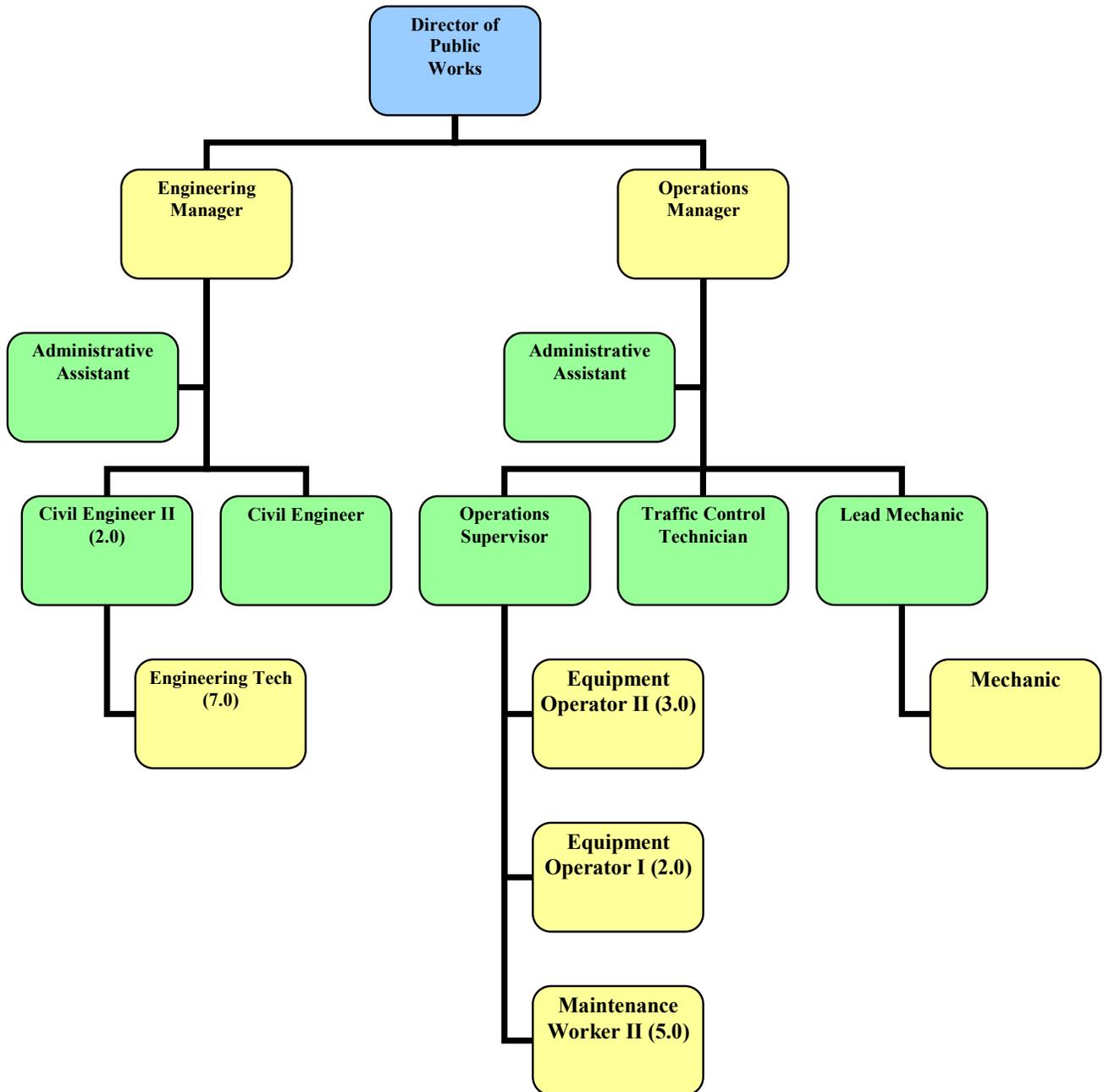
# Public Works

## Total Budget by Program

	2009 Actual	2010 Adjusted	2010 Estimated	2011 Adopted
Administration	\$150,178	\$149,045	\$149,045	\$154,227
Engineering	\$913,081	\$938,690	\$898,628	\$1,063,784
Operations	\$2,316,608	\$2,578,070	\$2,569,591	\$3,280,582
<b>TOTAL</b>	<b>\$3,379,867</b>	<b>\$3,665,805</b>	<b>\$3,617,264</b>	<b>\$4,498,593</b>

Total Budget by Program







**PUBLIC WORKS  
PROGRAMS**

**Administration**

Engineering

Operations



***DID YOU KNOW***

*There are over 2000 street lights in Wheat Ridge and the cost to keep them lit is approximately \$650,000 per year?*

## Administration

### Overview

- Maintain and manage improvements for 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 construction activities in street rights-of-way
- Manage and maintain the City's fleet vehicles and equipment

### 2010 Achievements

- Applied for and received a \$624,000 federal grant for construction of a ten-foot trail along Wadsworth Boulevard from 26th Avenue to 32nd Avenue
- Applied for and received a \$86,475 federal grant for construction of a median in Wadsworth Boulevard from 44th Avenue to 45th Avenue
- Applied for and received a \$13,200 grant from LiveWell Wheat Ridge for the first work on Phase 3 of the Wheat Ridge Pedestrian and Bicycle Master Plan
- Negotiated an intergovernmental agreement with RTD for construction of the Gold Line
- Negotiated a new contract for vendor advertising bus stop benches

### 2011 Objectives

- Construction of all infrastructure required to support the new Cabela's Shopping Center
- Develop street designs for major transportation corridors
- Complete the Wheat Ridge Pedestrian and Bicycle Master Plan
- Negotiate a trash collection franchise
- Secure a new contract for bus stop shelters

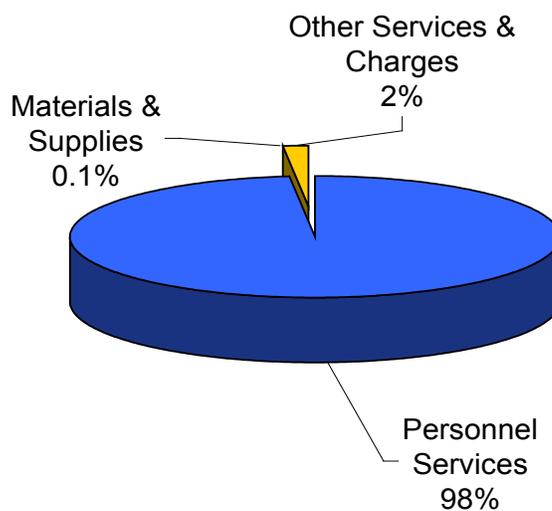
# Administration

## Staffing and Financial Summary

	2008 Authorized	2009 Authorized	2010 Authorized	2011 Authorized
Public Works Director	1	1	1	1
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

	2009 Actual	2010 Adjusted	2010 Estimated	2011 Adopted
Personnel Services	\$149,326	\$147,795	\$147,795	\$151,477
Materials & Supplies	\$0	\$100	\$100	\$100
Other Services & Charges	\$852	\$1,150	\$1,150	\$2,650
Capital Outlay	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$150,178</b>	<b>\$149,045</b>	<b>\$149,045</b>	<b>\$154,227</b>

### Total 2011 Budget by Object



**PUBLIC WORKS  
PROGRAMS**

Administration

**Engineering**

Operations



*DID YOU KNOW*

*Asphalt paving is 95%  
rock and sand and only  
5% asphalt?*

## 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

### 2010 Achievements

- Completed Phase 2 of the Bike and Pedestrian Master Plan
- Completed the installation of the final phase of warning sirens
- Completed the Safe Routes to School project at 44th Avenue & Miller Street

### 2011 Objectives

- Complete infrastructure required for the Cabela's Shopping Center
- Complete Phase 3 of the Bike and Pedestrian Master Plan
- Prepare conceptual designs for high priority streetscape corridors
- Implement an asset management system for the City's streets and sidewalks

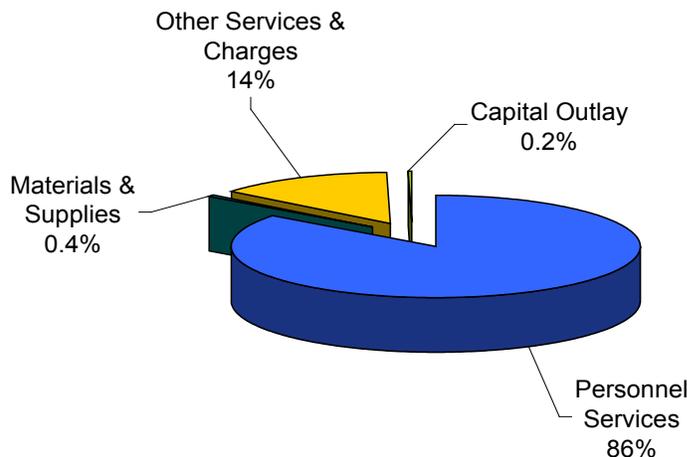
# Engineering

## Staffing and Financial Summary

	2008 Authorized	2009 Authorized	2010 Authorized	2011 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
<b>TOTAL</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>

	2009 Actual	2010 Adjusted	2010 Estimated	2011 Adopted
Personnel Services	\$873,861	\$892,810	\$852,998	\$908,454
Materials & Supplies	\$2,285	\$3,850	\$3,600	\$3,750
Other Services & Charges	\$36,496	\$39,330	\$39,330	\$149,230
Capital Outlay	\$439	\$2,700	\$2,700	\$2,350
<b>TOTAL</b>	<b>\$913,081</b>	<b>\$938,690</b>	<b>\$898,628</b>	<b>\$1,063,784</b>

**Total 2011 Budget by Object**



**PUBLIC WORKS  
PROGRAMS**

Administration

Engineering

**Operations**



**DID YOU KNOW**

*A typical manhole cover  
weighs 150 pounds?*

## Operations

### Overview

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

### 2010 Achievements

- Converted the traffic signal at the I-70 east-bound off-ramp at Youngfield Street to video controlled operation
- Maintained the City's infrastructure with a limited budget

### 2011 Objectives

- Continue to enhance traffic signal communications capabilities
- Upgrade the traffic signal at 44th Avenue and Eldridge Street
- Implement a traffic sign retro reflectivity program in compliance with federal standards

### 2011 Vehicle and Equipment Replacement

- 1- Municipal Court passenger van
- 1- Community Development small 4X4 pickup
- 3- Police patrol sedans
- 1- Police patrol SUV
- 1- Police motorcycle
- 1- Street sweeper
- 2- Large mowers
- 1- Parks & Recreation small 4X4 pickup
- 2- Parks & Recreation small 4X2 pickups

# Operations

## Staffing and Financial Summary

	2008 Authorized	2009 Authorized	2010 Authorized	2011 Authorized
Operations Manager	1	1	1	1
Operations Supervisor	1	1	1	1
Administrative Assistant	1	1	0	0
Operations Support Technician	0	0	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
<b>TOTAL</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
	2009 Actual	2010 Adjusted	2010 Estimated	2011 Adopted
Personnel Services	\$939,950	\$947,783	\$947,783	\$969,482
Materials & Supplies	\$487,657	\$648,431	\$648,431	\$647,000
Other Services & Charges	\$716,265	\$785,600	\$785,600	\$845,600
Capital Outlay	\$172,736	\$196,256	\$187,777	\$818,500
<b>TOTAL</b>	<b>\$2,316,608</b>	<b>\$2,578,070</b>	<b>\$2,569,591</b>	<b>\$3,280,582</b>

Total 2011 Budget by Object

