

# City of Centennial - 2004 Public Works Work Plan

## Capital Improvement Program

### Administration/Operational

<u>Item</u>	<u>Measure</u>
Customer Service (Phone, citizen requests, MRF's, etc.)	LS
Coordination (CDOT, DRGOG, Districts, Agencies)	LS
Program Management (Work planning/reporting, Financial Tracking, Project Review)	LS
2004 program development, budget preparation	LS

### Projects

<u>Project Description</u>	<u>Measure</u>
Street Lighting Program	LS
Arapahoe Road (Waco - Himalaya) - Final Design	LS
Arapahoe Road (Waco - Himalaya) - Interim Improvements	LS
Arapahoe Road Reconstruct (Holly - Colorado)	LS
TREX	LS
Jordan Road @ Windmill Creek Culvert	LS
Havana Easter Traffic Signal	LS
Piney Creek Trail	LS
Coord CDOT Bridge Inspections	LS
Smoky Hill/Biscay Traffic Signal	LS
County Line Road (Quebec - Colo) IGA	LS
County Line Road (Colo - Univ.)	LS
County Line/Univ. Intersection	LS
Arapahoe Road Corridor Study	LS
GASB-34 - Inventory	LS
CIP Project planning - Centennial	LS
Piney Creek Drops (Buckley Road Change Order)	LS
Broncos/Parker Signal	LS
Orchard Road Medians	LS
Easter Avenue Extension	LS
Broncos Bridge Over Cherry Creek	LS
2004 Pavement Rehab. Program (Contracted)	LS
2004 Concrete Replacement Program (Contracted)	LS
Arapahoe/Chapperal Circle West Improvements	LS
2 Signal Designs	LS
Roadway Data Collection	LS
Geotechnical Services (2004 Contracted Programs)	LS

## Traffic

### Administration/Operational

<u>Item</u>	<u>Measure</u>
Customer Service (phone calls, field meetings, etc.)	LS
Traffic Count Program	60 Locations
Traffic Accident Program and Data Base	LS
Traffic Engineering Services (TES) Requests	65
Traffic Signal System Monitoring	80 Locations
2004 Warrant Studies	6
Traffic Signal Modification/Improvements Projects	5
Traffic Signal Coordination/Timing Projects	3
Special Projects/Task Force (I.e. system test bed, T-REX, etc.)	LS
Signing/Striping Plans	20

## **Stormwater Management**

### **Administration/Operational**

<u>Item</u>	<u>Measure</u>
-Investigate, facilitate, and repair Maintenance Requests	90
-Phone/E-mail/Walk-in Inquiries	LS
-Manage/Supervise field crew on design/construction/activities	LS
<b>Customer Service</b>	
-Review and process floodplain development permits	10
-Review and process floodplain map change requests	5
-Floodplain map and information requests	10
-Administer the FEMA National Flood Insurance Program	LS
-Administer the FEMA Community Rating System	LS
-Inspect Floodplain Development Permit Sites	10
<b>Floodplain Administration</b>	
-Plan review/site inspection/enforcement Erosion Control	LS
-Coordinate and implement NPDES items required in Year 2	LS
-Attend meetings for the Cherry Creek Basin Water Quality Authority	LS
-Attend meetings for the Cherry Creek Partners	LS
-Attend meetings for other WQ Groups and Associations	LS
<b>Water Quality</b>	
-Routine Maintenance Coordination	LS
-Project Management and Coordination	LS
<b>UDFCD Maintenance Program Management</b>	
-Cherry Creek Regional Trail Completion	LS
-Annual Master Planning Review/UDFCD 5-year Plan	LS
-Highline Canal/Little Dry Creek Master Plans	LS
<b>Drainageway and Trail Master Planning</b>	
-Criteria Manual Revisions	LS
-Staff Coordination Meetings	LS
<b>Regulatory/Engineering</b>	
-Review/Comment on development affecting Public Works (TRC, etc.)	50
-Review/Comment on regional improvements in Centennial	10
-Review/Comment on projects impacting the City (T-rex, etc.)	10
<b>Land Development Referrals</b>	
-City of Centennial Council Meetings	10
-Outside Agency Coordination Meetings	10
-Prepare 2004 Budget	LS
-Prepare 2004 Work Plan	LS
-QA/QC documents/plans/work output	LS

### **Projects**

<u>Item</u>	<u>Measure</u>
1. Capital Projects	
-Temporary Repair of 84-inch CMP LDC @ Arapahoe Road	LS
-Design/Land acquisition of LDC @ Arapahoe Road Box Culvert	LS
2. Remedial Projects	
-Construct Jamison and Humboldt drainage improvements	LS
-Design/Construct 54-inch CMP at Castlewood Library Improvements	LS
3. UDFCD Maintenance Projects	
-Routine Debris Removal	LS
-New and Continuing Projects	LS

## **Drainage Maintenance**

### **Administration/Operational**

<u>Item</u>	<u>Measure</u>
1. Investigate and Repair Maintenance Requests	90
2. Inspect and Maintain Drainage Systems	LS

### **Projects**

<u>Item</u>	<u>Measure</u>
1. Construct E. Euclid Place Cul-de-sac drainage improvements	LS

2. Construct E. Heritage Place Drainage Improvements	LS
3. 6999 S. Knolls Way – Rebuild Outfall and Wall	LS
4. Joel Diner Flooding Issues – Survey/Construct Solution	LS
5. Panama Drive Flooding – Survey/Construct Solution	LS
6. Littles Creek Clarkson and Geddes – Study system; construct solution	LS
7. Willow Creek Tributary Inlet, Conduit, Outfall, and Channel Repair	LS
8. Miscellaneous Repairs	LS

### **Operations and Maintenance**

#### Administration/Operational

<u>Item</u>	<u>Measure</u>
Maintenance Request Actions/Investigations	10
New Street Cut Permits	450
Street Cut Probationary or Final Acceptance	600
Other Permits (oversize moving, etc.)	10

<u>Item</u>	<u>Measure</u>
Maintenance Request Actions/Investigations	10
New Street Cut Permits	450
Street Cut Probationary or Final Acceptance	600
Other Permits (oversize moving, etc.)	10

### **LAND DEVELOPMENT SERVICES**

<u>Item</u>	<u>Measure</u>
Public Works Referrals/TRC/Coordination with Land Use Staff	LS
Utility Construction Plan Review	15.00
Regional Transportation Improvement Fee (RTIF) Program Administration	LS

### **Mapping/GIS**

<u>Item</u>	<u>Measure</u>
Support to other Public Works Operations	LS

### **ANIMAL CONTROL SERVICES**

<u>Item</u>	<u>Measure</u>
Number of complaints Processed	19,500
Number of Licenses issued	2,900

### **Mosquito Control Program**

<u>Item</u>	<u>Measure</u>
Sites that are checked weekly and larvicided as needed	64
Pounds of VECTOBAC-G used on site	1,100

## **Road and Bridge**

<b><u>Item</u></b>	<b><u>Measure</u></b>
<b>Pavement Maintenance</b>	
Pothole Patching	350 Tons
Crack Seal	40,000 Pounds
Sweeping	9,000 Pass Miles
Patch Back	200 Tons
Paving	30,000 Tons
Spreader box Paving	500 Tons
Crack Repair	40,000 Pounds
Rebuild Shoulders	LS
<b>Traffic Operations</b>	
Crosswalks/stop bars	20,000 Pounds
Striping	1,000,000 Feet
Maintain Signs	2,600 Signs
Install Signs	200 Signs
Inspect Signs	4,600 Signs
<b>Right-of-Way Maintenance</b>	
Machine Mowing	LS
Hand Mowing	LS
<b>Snow and Ice Control</b>	
Snow Removal	3600 Tons
Winter Maintenance	LS
Ice Cutting	LS
<b>Traffic Signals</b>	Contract Labor
<b>Bridge Maintenance</b>	LS
<b>Weed Control</b>	Contract Labor
<b>Concrete Program</b>	
Curb and Gutter	3,500 Feet
Crosspan	500 Square Feet
Handicap Ramps	100 Square Feet
Dig and Form	2,800 Feet
<b>Minor Maintenance</b>	LS

Note: LS = Lump Sum or work to be provided as required to complete project