



City of Centennial
Public Works Department
Operations and Traffic Engineering
Monthly Report – March 2012

ACTIVITY

- [Call Center](#) – The total number of calls to 303.325.8000 and web requests received were 1,454.
- [Work Requests](#) – The total number of work requests received were 1,847.
- [Compliance Summary](#) – Field and Traffic Services work requests were completed with 95%-100% compliance.
- [Right-Of-Way Permits](#) – There were 49 permits issued in March.
- [Traffic Maintenance](#) – 1 sign was installed and 24 signs have been replaced for the month.
- [Pavement Maintenance](#) – March pothole patching required 37 tons of asphalt.
- [Concrete Replacement](#) - This activity will begin in April.
- [Mowing, Debris, and Weed Control](#) – The mowing efforts will begin later in the year.
- [Street Sweeping and Gravel Maintenance](#) – Sweeping efforts will begin in April.
- [2012 Performance Measures](#)
- [Fuel Inventory](#) – Unleaded Fuel Usage and Diesel Fuel Usage
- [Snow Material Inventory](#)
- [City Budgets](#)

REVENUE

The March right-of-way permit revenue, excluding pavement restoration fees, was \$26,603.

PUBLIC WORKS MAJOR ACTIVITIES

- Developed drafts of the 2012 Accident Analysis Report and the 2012 Crosswalk Maintenance Plan
- Kick-off of Arapahoe Rd and Vine Street signal construction
- Notification of Grant approval for the 2012 Hazard Elimination Projects, to include:
 - Potomac and Briarwood
 - Orchard and Buckley
 - Smoky Hill Road and Tower
 - Smoky Hill Road and Liverpool
- Kick-off the signal timing project on Arapahoe Road
- Staff developed the annual Street Rehabilitation Program consisting of mill and overlay, slurry seal and reclamite.
- Crack seal activities begun on streets that have been paved within the last three to five years.

A LOOK AHEAD

- Completion of 2012 Accident Analysis Report
- Completion of 2012 Crosswalk Maintenance Plan
- Begin Construction on Arapahoe Road – Holly to Krameria project
- Begin construction of Arapahoe Road and Vine Street signal construction
- Signal timing updates for Smoky Hill Road and Himalaya / Reservoir
- Public Works crews will continue pothole patching, as weather permits.
- Concrete and sweeping programs are scheduled to begin in April.

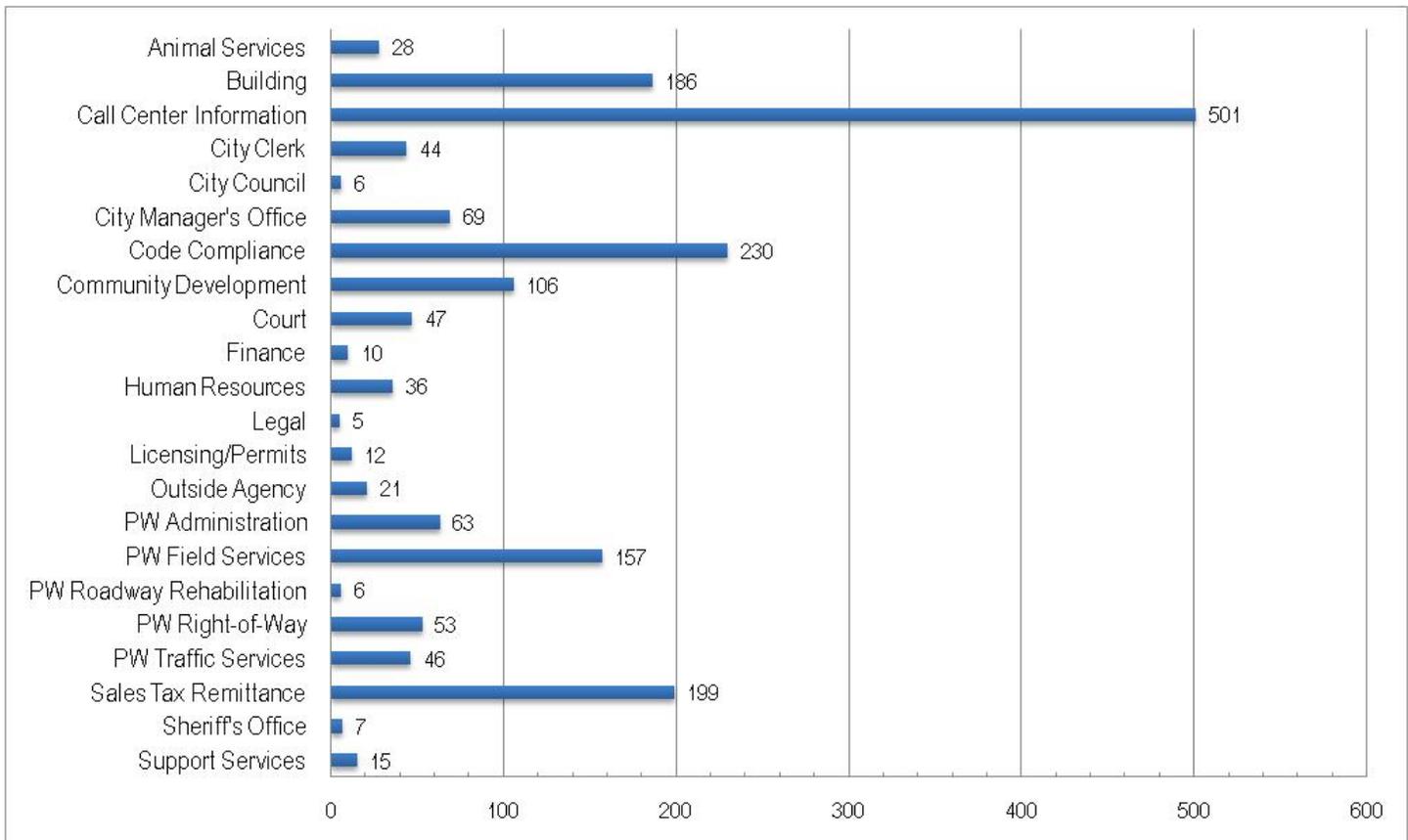
Call Center

In March, the number of phone calls received by the City's 24-Hour Call Center, 303.325.8000, was 1,454 which includes 56 web requests. Only 30 calls were routed to the answering service during business hours, and a total of 62 calls were received after business hours. Overall, for the month of March, the Call Center had a 92 % compliance metric of answering phone calls within 120 seconds.

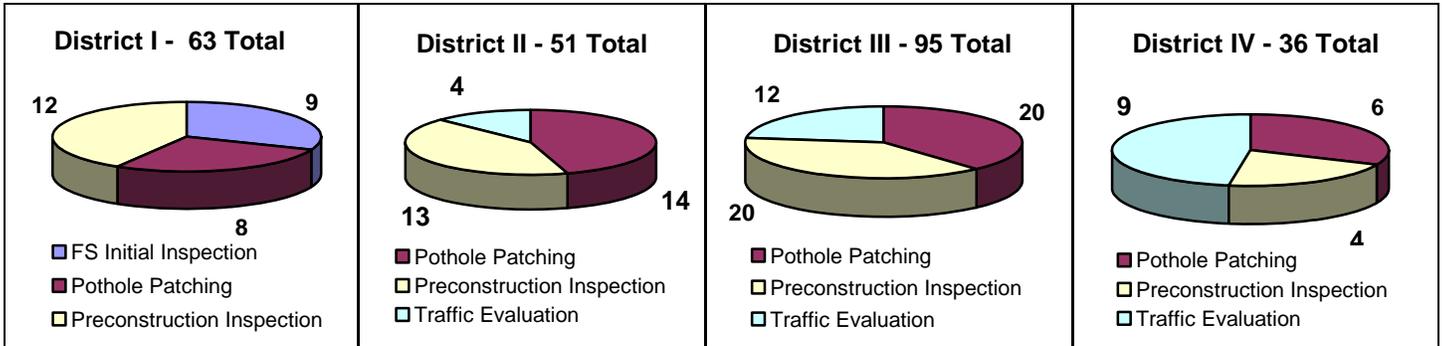
March 2011	Week 1	Week 2	Week 3	Week 4	MTD
	Mar 1-9	Mar 10-16	Mar 17-23	Mar 24-31	Total
Web Requests	15	13	14	14	56
Total Calls Handled by the Call Center	451	360	368	219	1,398
Total Metric for Call Center	466	373	382	233	1,454
Total Calls Rolled Over to Answering Service During Business Hours	2	2	7	19	30
Total Calls Rolled over to Answering Service After Hours	13	11	17	21	62

Work Request Breakdown

The work requests received by the City for the month of March were 1,847.



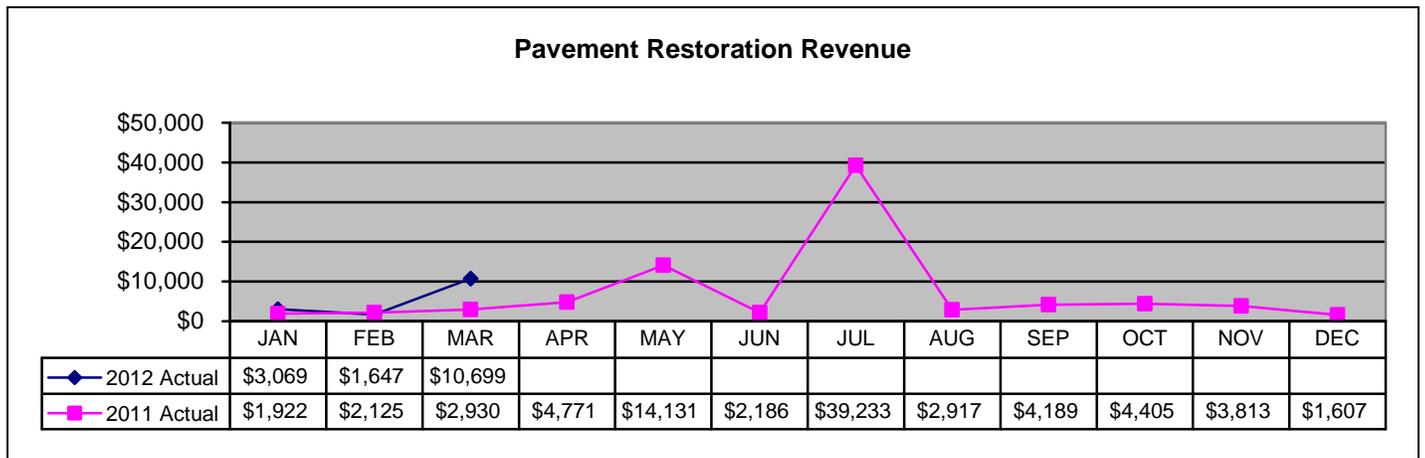
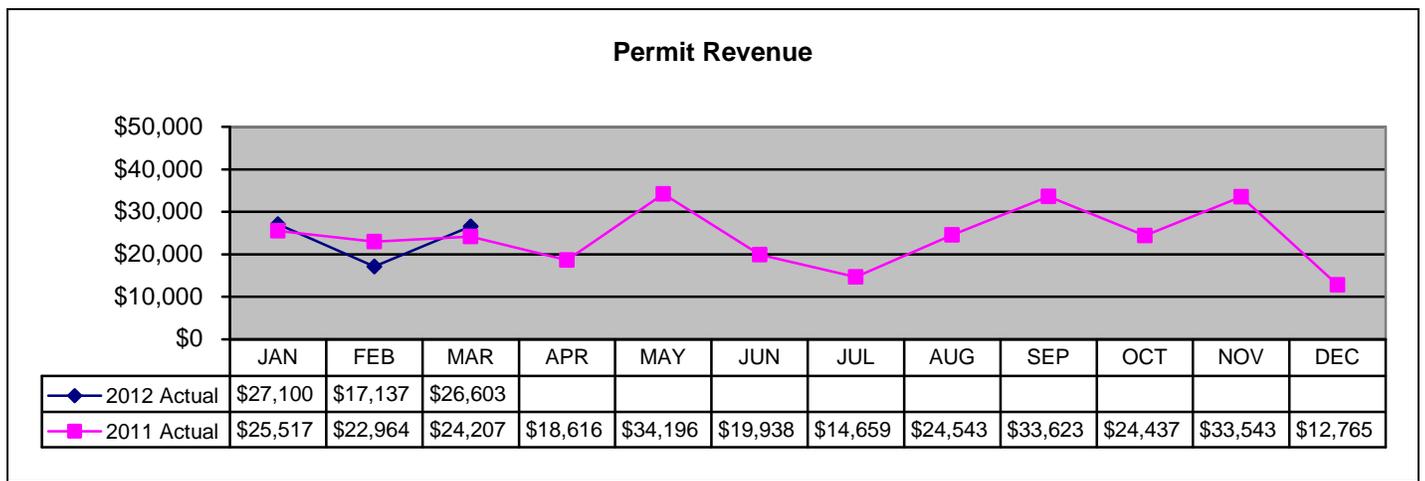
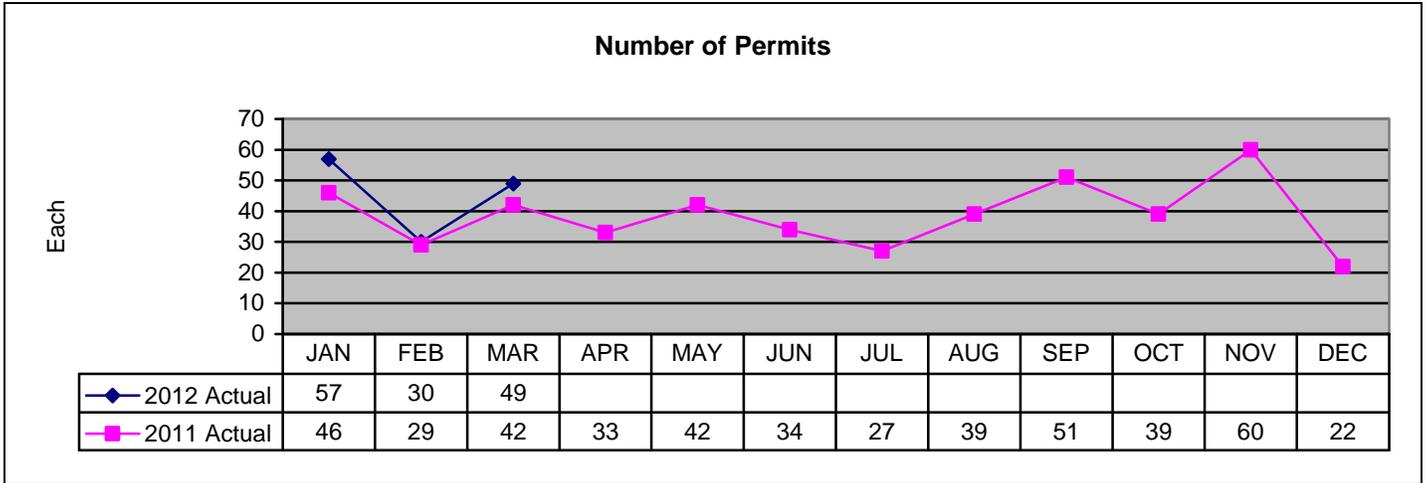
Top 3 Work Request Activities by District



Compliance Summary

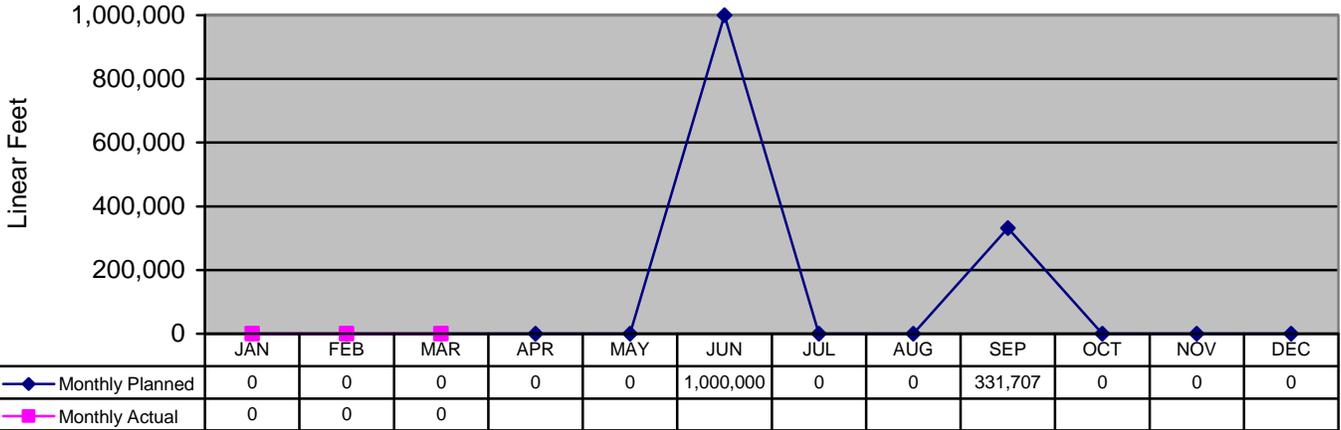
Field and Traffic Services					
Work Request by Priority	Received Total	Compliance Standard	Completed in Compliance	Compliance %	Average Days to Close
1 - Urgent (Completed within 24 Hours)	25	85%	25	100%	.12
2 - Important (Completed within 3 Business Days)	62	85%	62	100%	1.45
3 - Standard (Completed within 10 Business Days)	22	85%	21	95%	3.38
4 - Preventative Maintenance (Scheduled Work)	142	N/A	N/A	N/A	N/A
5 - Street Rehabilitation	8	N/A	N/A	N/A	N/A
Grand Total	259				
Call Center					
Calls Answered Within 2 Minutes	Total Calls/Web Requests Handled		Compliance Standard		Compliance %
	1,454		85%		92%

Annual Comparative Right-Of-Way Permits

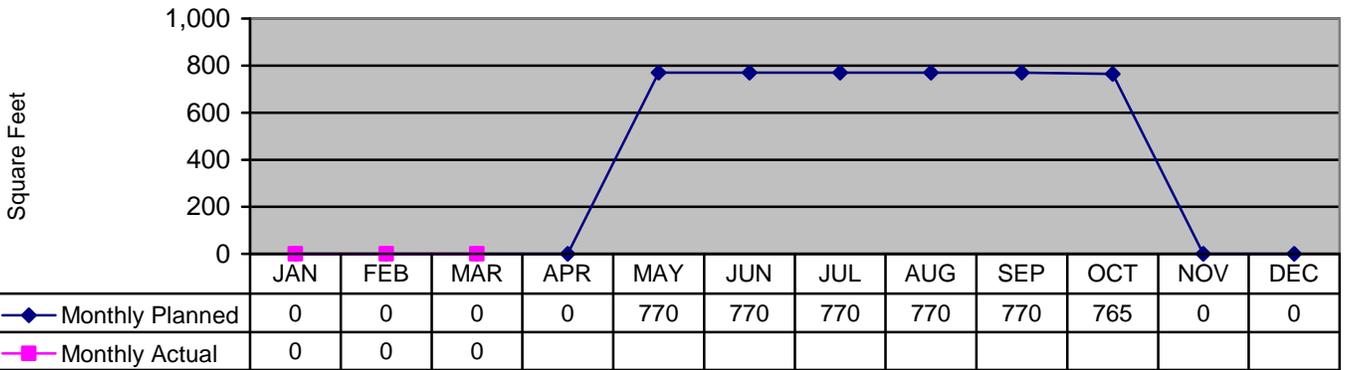


Traffic Maintenance

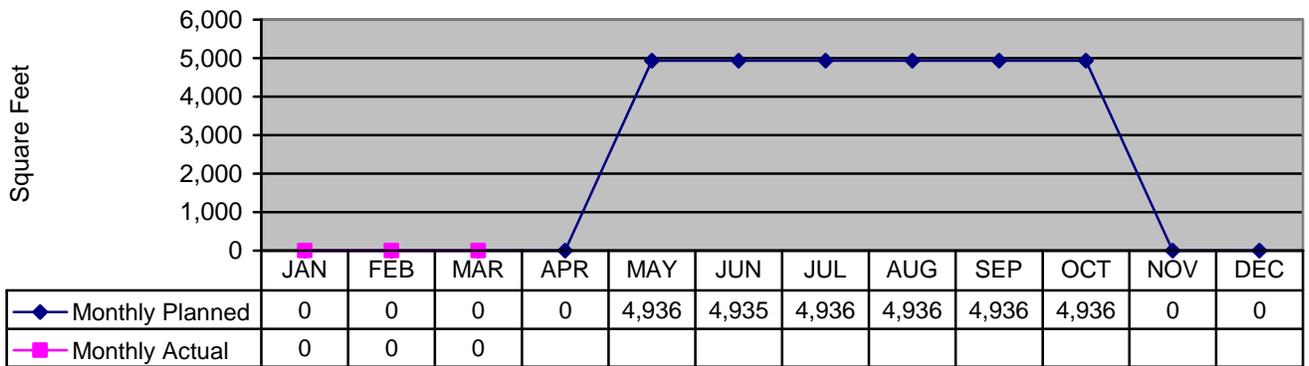
Lane Striping



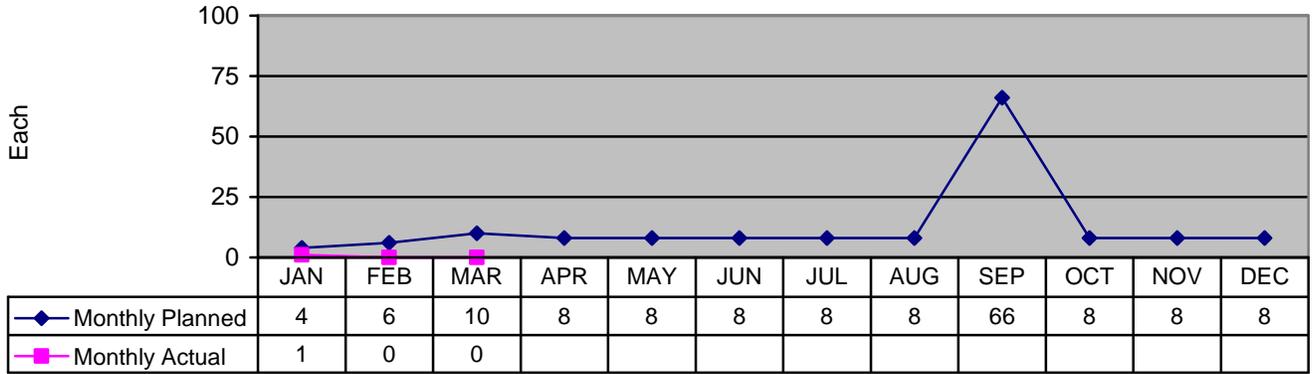
Thermoplastic Crosswalks and Stopbars



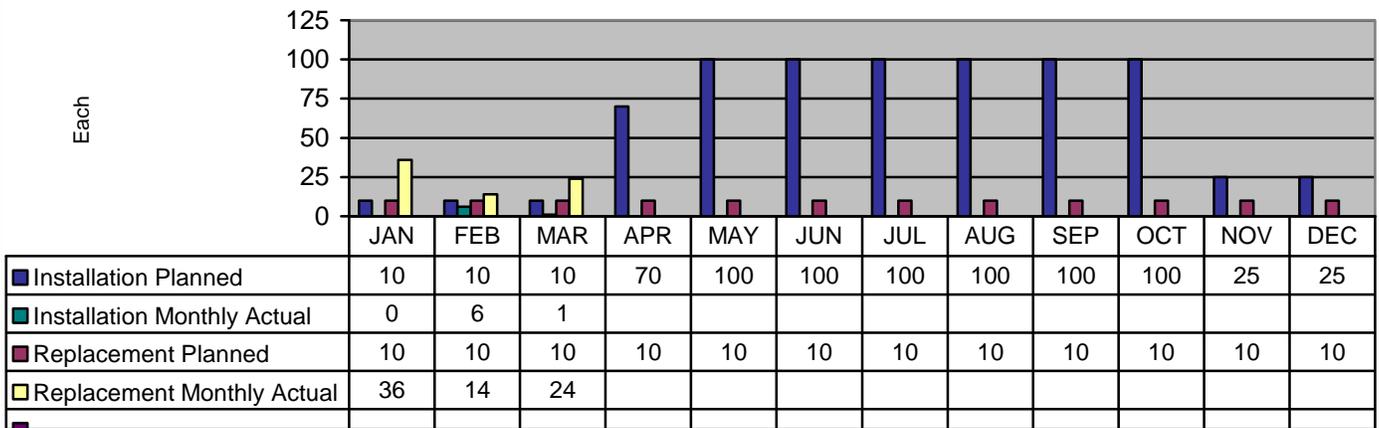
Acrylic Paint Crosswalks and Stopbars



Traffic Counts

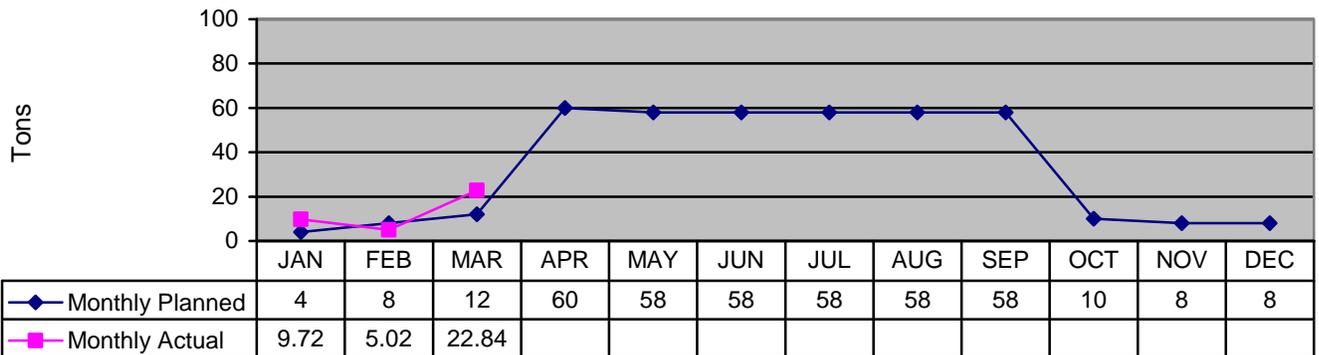


Sign Installation and Replacement

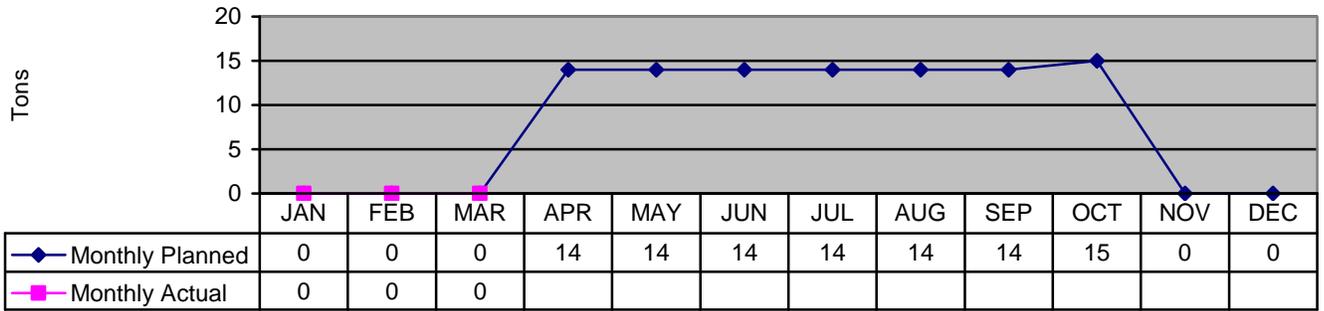


Pavement Maintenance

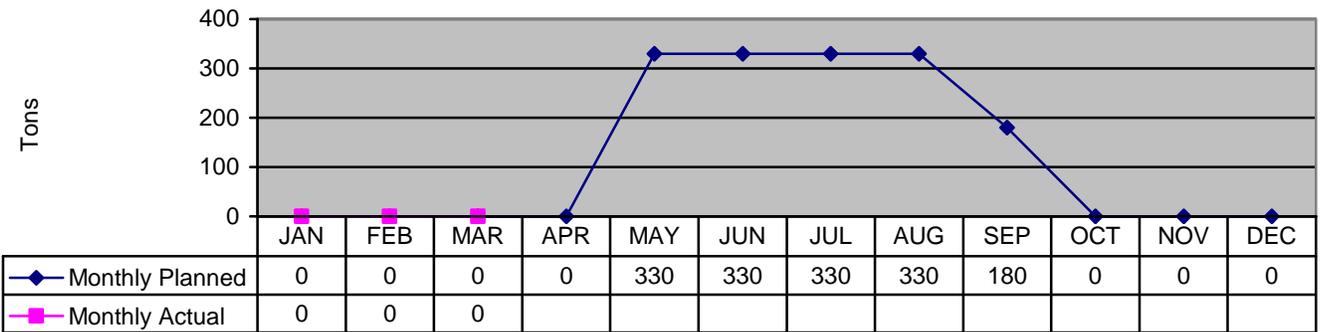
Pothole Patching



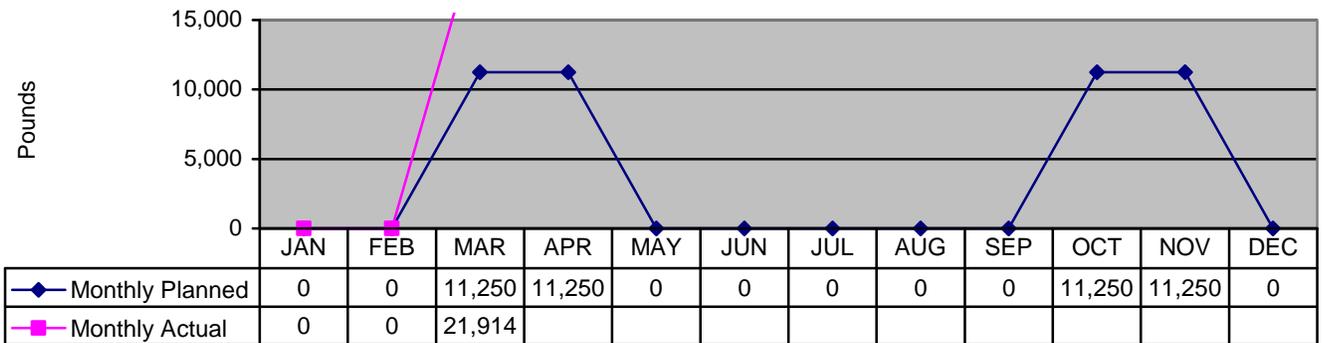
Patch Back



Major Patching

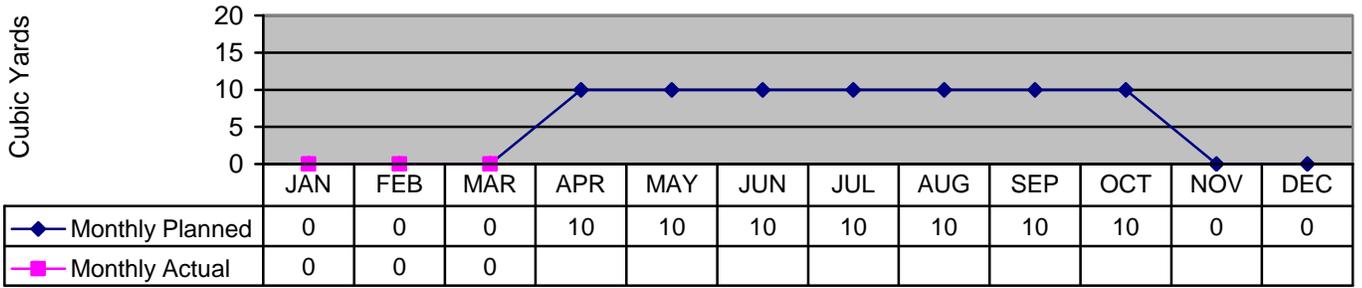


Crack Seal

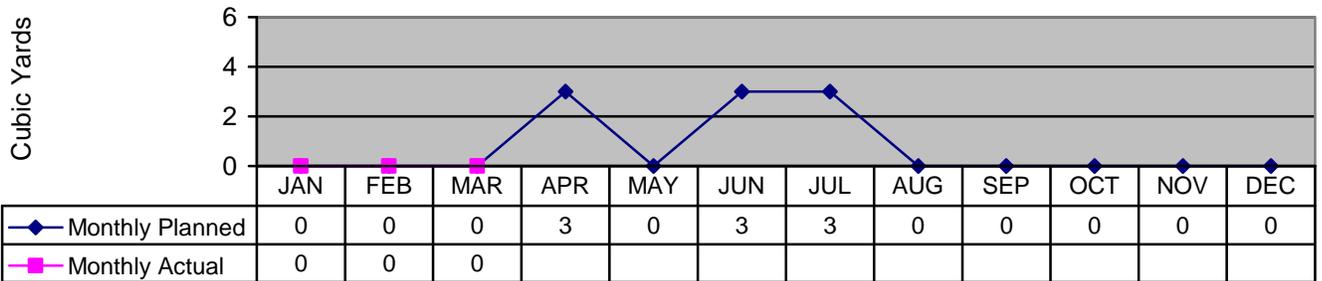


Concrete Replacement

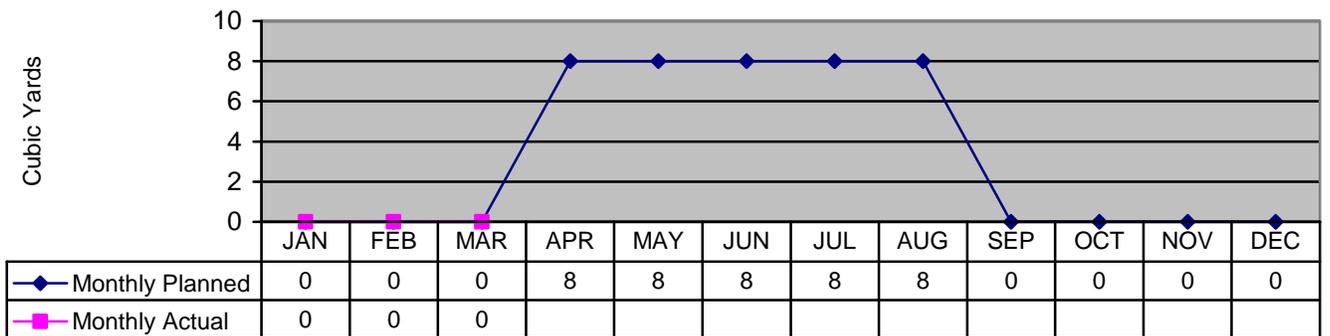
Sidewalk



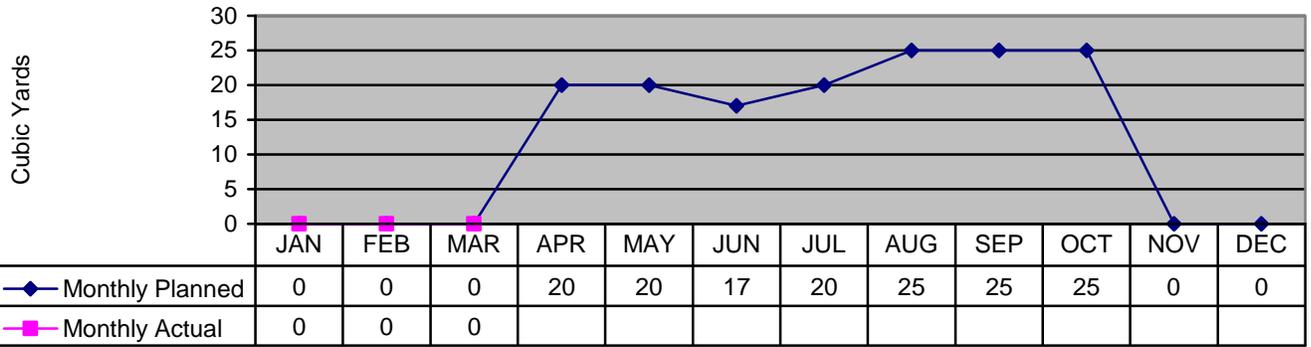
ADA Ramps



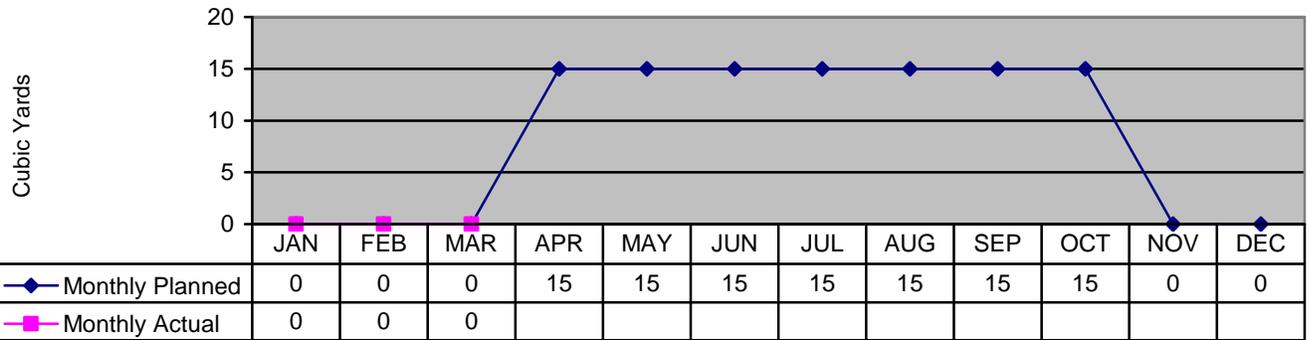
Crosspans and Aprons



Curb, Gutter and Sidewalk Combination

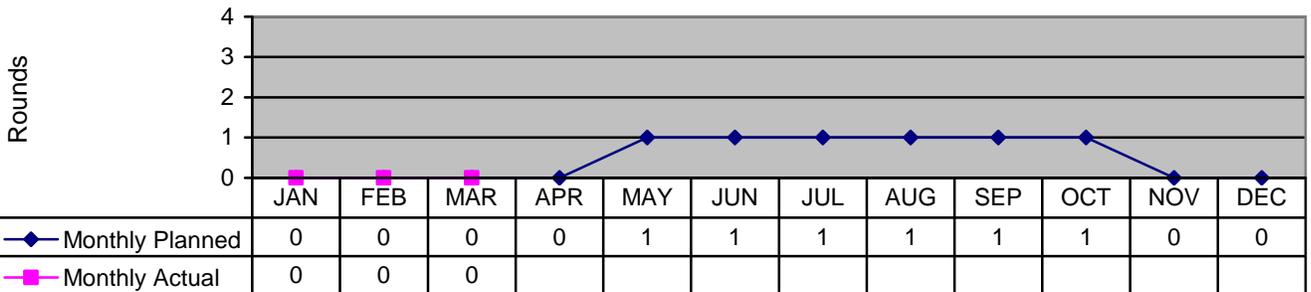


Curb and Gutter

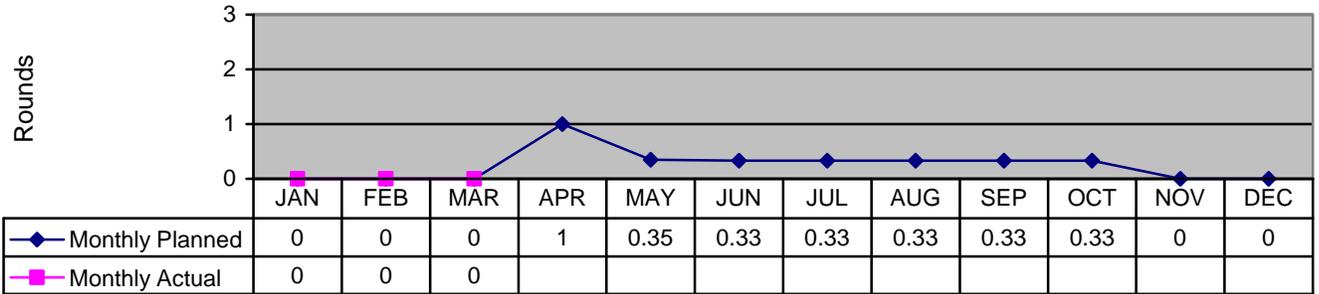


Mowing, Debris and Weed Control

Mowing and Debris Control

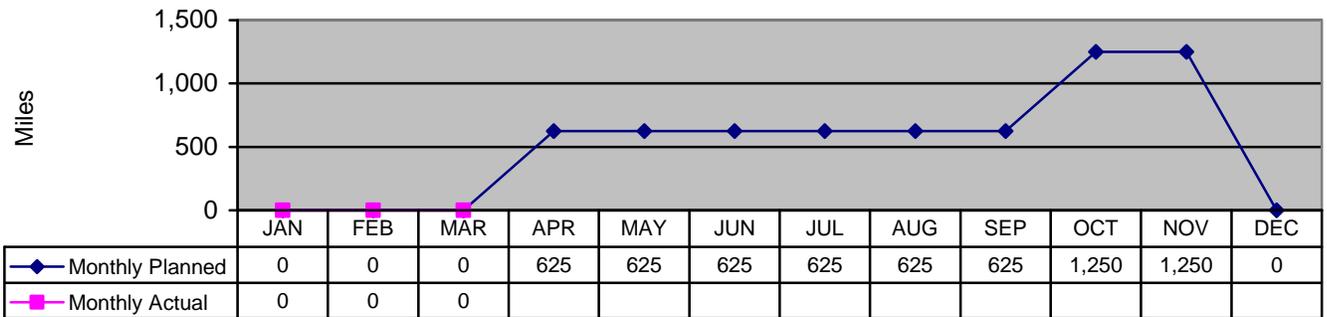


Weed Control - Spraying

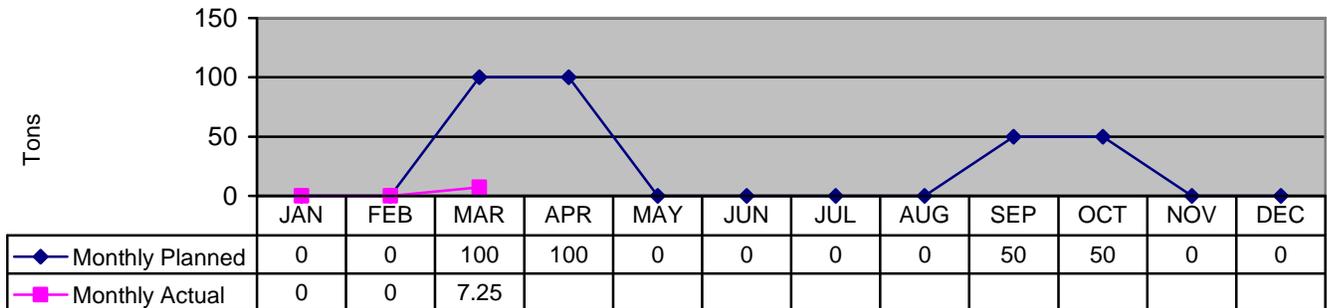


Street Sweeping and Gravel Maintenance

Street Sweeping

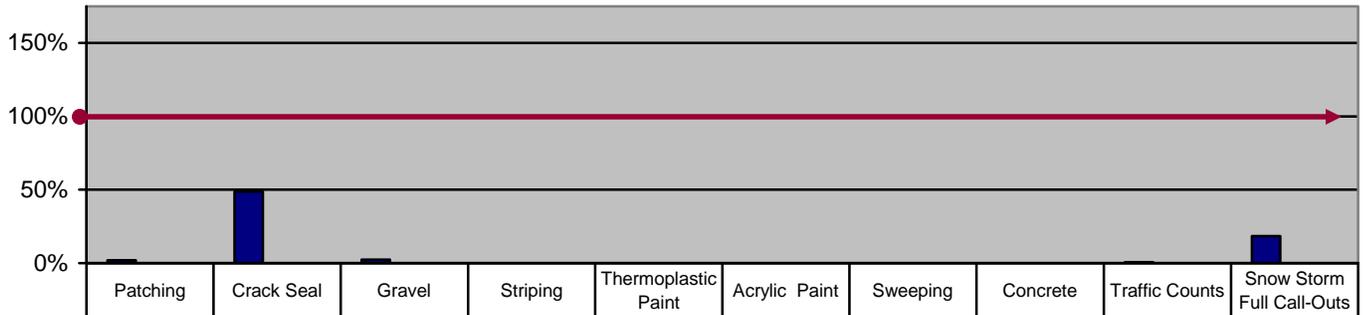


Gravel Maintenance



2012 Performance Measures

Percentage of Metric



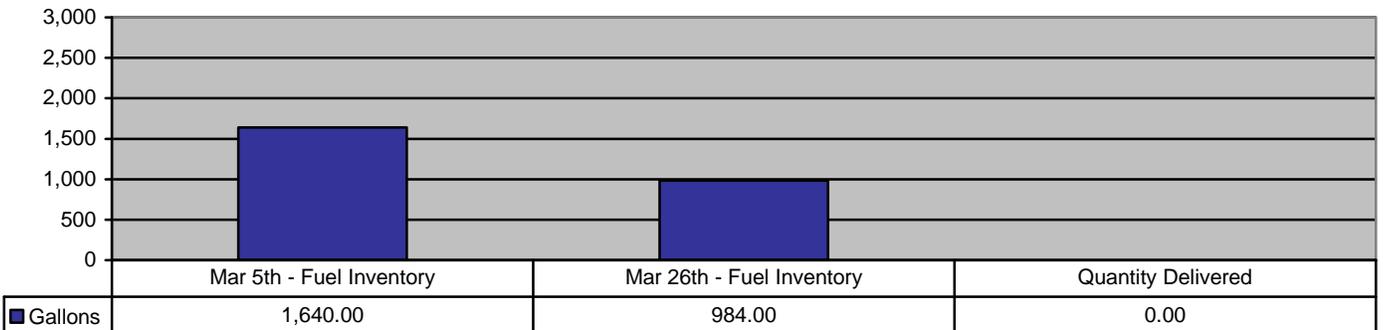
	Patching	Crack Seal	Gravel	Striping	Thermoplastic Paint	Acrylic Paint	Sweeping	Concrete	Traffic Counts	Snow Storm Full Call-Outs
■ Percentage	1.88%	48.70%	2.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.67%	18.33%
■ 2012 Metric	1,999 T	45,000 LB	300 T	1,331,707 LF	4,615 LF	29,615 LF	6,250 MI	465 CY	150 EA	60 EA
■ Year to Date	37.58 T	21,914 LB	7.25 T	0 LF	0 LF	0 LF	0 MI	0 CY	1 EA	11 EA

Tons = T Pounds = LB Linear Feet = LF Square Feet = SF Miles = MI Cubic Yards = CY Each - EA

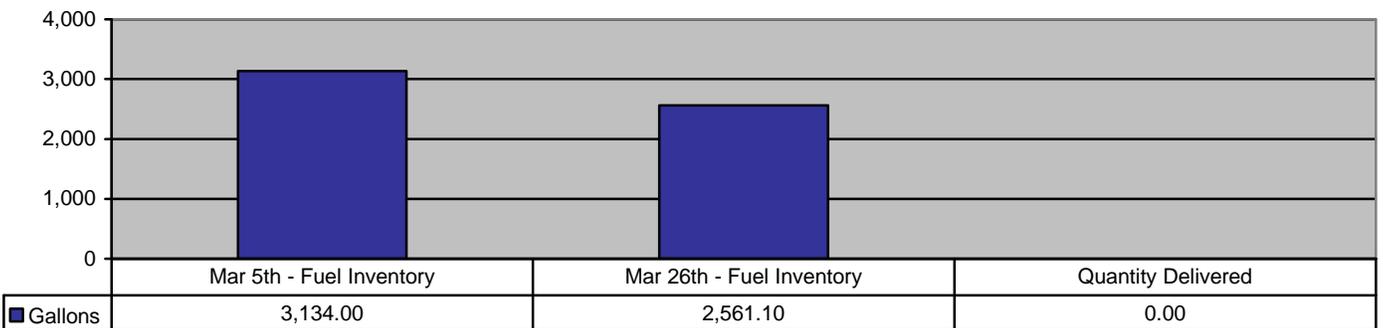
Fuel Inventory

Fuel volume will change approximately .5% for every 10 degrees Fahrenheit change in fuel temperature. Fuel dips are completed on Monday mornings.

Unleaded Fuel



Diesel Fuel



Snow Material Inventory

	Beginning Inventory	Delivered	Used	Ending Inventory
Liquid Material (Gallons)				
APEX (MgCl)	13,000.00	0.00	0.00	13,000.00
Brine	8,700.00	0.00	(1,350.00)	7,350.00
Total	21,700.00	0.00	(1,350.00)	20,350.00
Solid Material (Tons)				
Salt	1,485.73	0.00	(43.51)	1,442.22
Ice Slicer	136.30	0.00	0.00	136.30
Anti Skid (Sand/Salt Mix)	309.00	0.00	0.00	309.00
Total	1,931.03	0.00	(43.51)	1,887.52

City Budgets

Invoice totals will be deducted from City budget amounts below, based on the invoice date, if the invoice has been received. If there is a discrepancy on an invoice, the amount will not be deducted until the correct invoice has been received.

	2012 Budget	Previous Balance	Invoice Amount Received	Remaining Balance
Animal Disposal				
Animal & Pest Control (Large Animals)	\$ 2,500.00	\$ 2,150.00	\$ -	\$ 2,150.00
Pet Cremation Services	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 1,000.00
Asphalt/Coldmix Material	\$ 90,000.00	\$ 90,000.00	\$ (1,027.30)	\$ 88,972.70
Fuel	\$ 137,000.00	\$ 105,977.04	\$ -	\$ 105,977.04
Mosquito Control	\$ 36,183.00	\$ 36,183.00	\$ -	\$ 36,183.00
Signal (Pole) Maintenance	\$ 75,000.00	\$ 75,000.00	\$ -	\$ 75,000.00
Signal Additions/Repairs	\$ 174,590.00	\$ 162,233.61	\$ (8,643.19)	\$ 153,590.42
Snow Removal Materials	\$ 332,770.00	\$ 238,458.40	\$ -	\$ 238,458.40