



City of Centennial
Public Works Department
Operations and Traffic Engineering
Monthly Report - March 2011

ACTIVITY

- [Call Center](#) – The total number of calls to 303.325.8000 and web requests received were 1,483.
- [Work Requests](#) – The total number of work requests received were 2,135.
- [Compliance Summary](#) – Field and Traffic Services work requests were completed between 86%-100% compliance and the Call Center compliance metric was 94%.
- [Right-Of-Way Permits](#) – There were 42 permits issued in March.
- [Traffic Maintenance](#) – A total of 15 signs were installed and 28 were replaced for the month.
- [Pavement Maintenance](#) – March pothole patching required 17 tons of asphalt.
- [Concrete Replacement](#) – The concrete replacement program began in March with 78 cubic yards being placed.
- [Mowing, Debris, and Weed Control](#) - The program will begin in April.
- [Street Sweeping and Shoulder Maintenance](#) – The program will begin in April.
- [2011 Performance Measures](#)
- [Fuel Inventory](#) – Unleaded Fuel Usage and Diesel Fuel Usage
- [Vehicle Use and Efficiency](#) – Calculation of fuel used by vehicle number.
- [Snow Material Inventory](#)
- [City Budgets](#)

REVENUE

The March right-of-way permit revenue, excluding pavement restoration fees, was \$24,207.

PUBLIC WORKS MAJOR ACTIVITIES

Coordinated signal communication equipment installation on Dry Creek Road for the Denver Regional Council of Governments (DRCOG) grant project.

Developed alternatives for the 2011 Annual Pavement Markings Program for City to consider.

Completed the development of the 2011 Annual Crosswalks Striping Program to be released to Field Services.

Executed the Notice to Proceed for Solar School Beacons project and reviewed equipment submittals.

Developed the Traffic webpage for setting regulatory speed limits.

Completed signing and striping inspections for the IKEA segment.

Identified striping improvements and signal loop locations for 2011 CIP Street Rehabilitation projects.

Public Works crews began crack seal activities in March. They will be completing a large amount of their work for the CIP in preparation for the slurry seal program.

A LOOK AHEAD

- Release 2011 Annual Pavement Markings Plan to Field Services.
- Release 2011 Annual Thermoplastic (Crosswalk/Stop Bars) Plan to Field Services.
- Go-live with Traffic webpage for setting regulatory speed limits.
- Complete 2011 Signal Warrants study.
- Develop the 2011 NTMP Prioritization.
- Prepare pole-painting specification and bid document for 2011 Pole Maintenance.
- Coordinate review and approval of equipment submittals for the Energy Efficiency and Conservation Block Grant (EECBG) Solar School Beacons project.
- Coordinate installation of radar speed signs and bike lane striping for Dorado Avenue traffic mitigation plan
- Public Works will be completing 1,000 tons of asphalt patching work throughout the City.

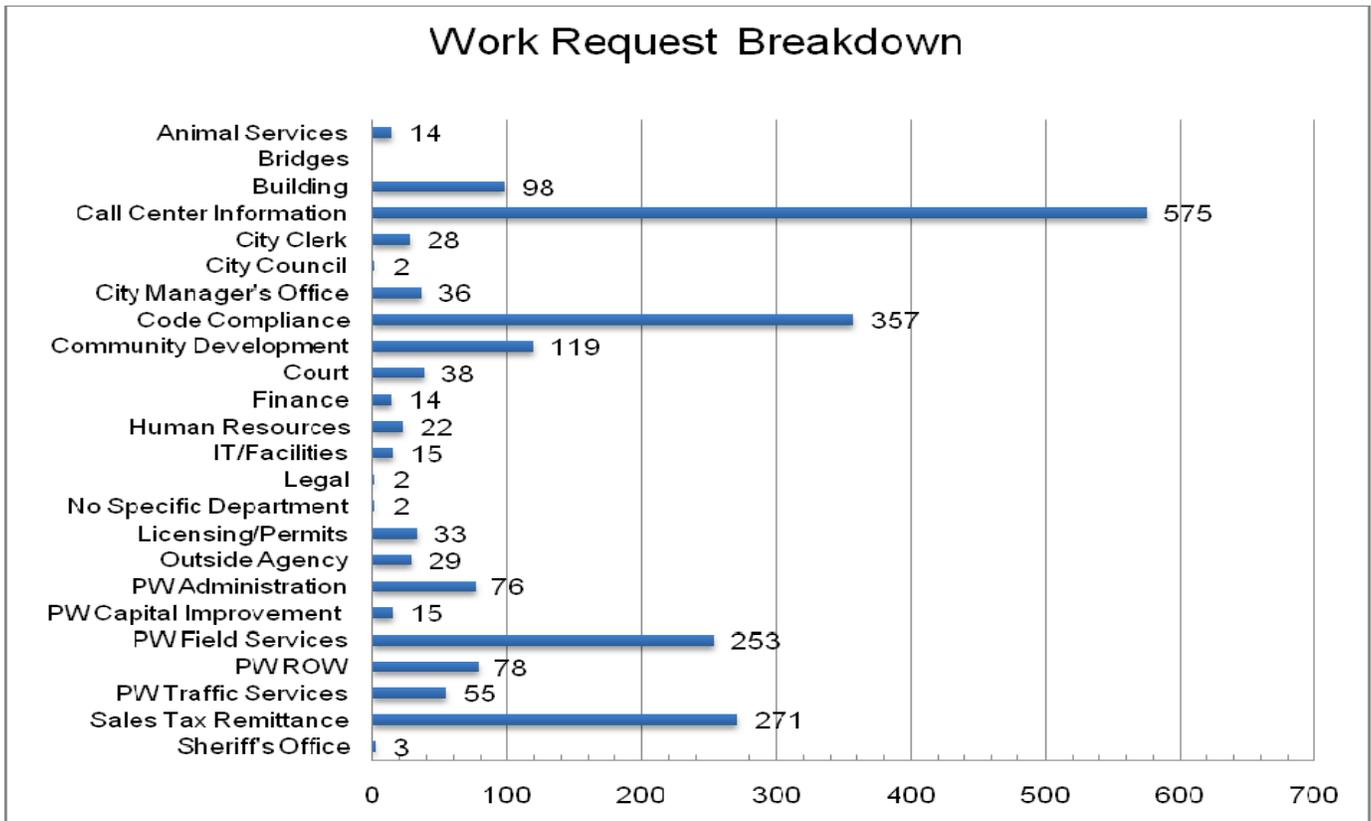
Call Center

In March, the number of phone calls received by the City's 24-Hour Call Center, 303.325.8000, was 1,486 which includes 50 web requests. Only 3 calls were routed to the answering service during business hours, and a total of 26 calls after business hours. Overall, for the month of March, the Call Center had a 94% compliance metric of answering phone calls within 120 seconds.

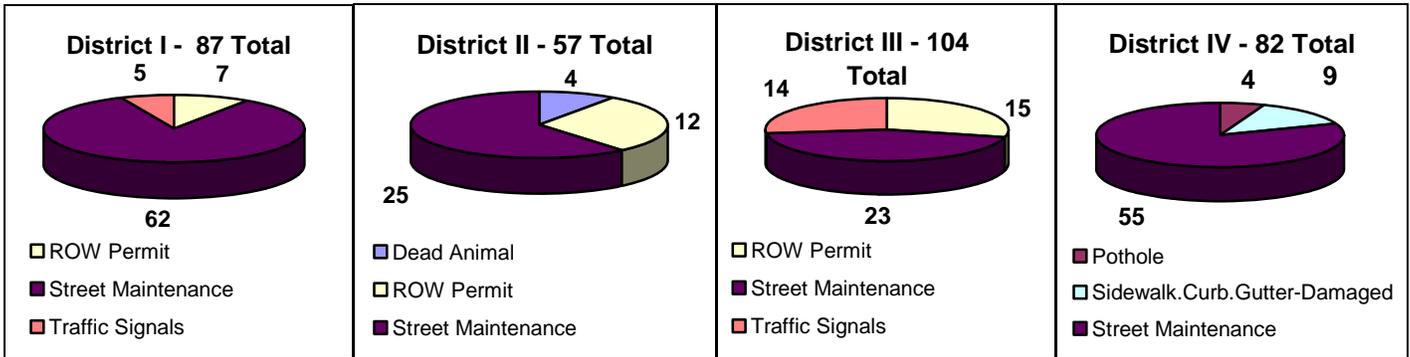
March 2011	Week 1	Week 2	Week 3	Week 4	Week 5	MTD
	Mar 1-4	Mar 5-11	Mar 12-18	Mar 19-25	Mar 26-31	Total
Web Requests	5	13	11	11	10	50
Total Calls Handled by the Call Center	228	316	295	321	273	1,433
Total Metric for Call Center	233	329	306	332	274	1,483
Total Calls Rolled Over to Answering Service During Business Hours	0	0	3	0	0	3
Total Calls Rolled over to Answering Service After Hours	1	6	8	7	8	26

Work Request Breakdown

The work requests received by the City for the month of March were 2,135.



Work Request by District and Top Three Issues

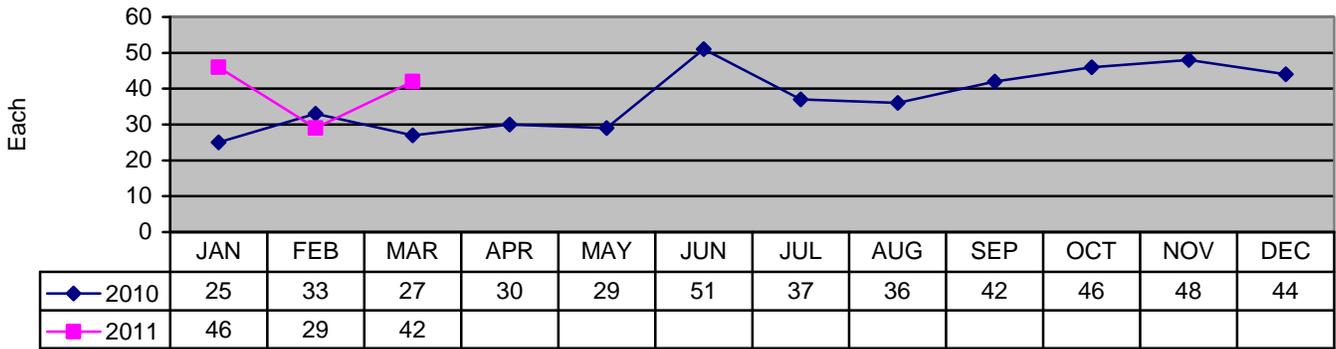


Compliance Summary

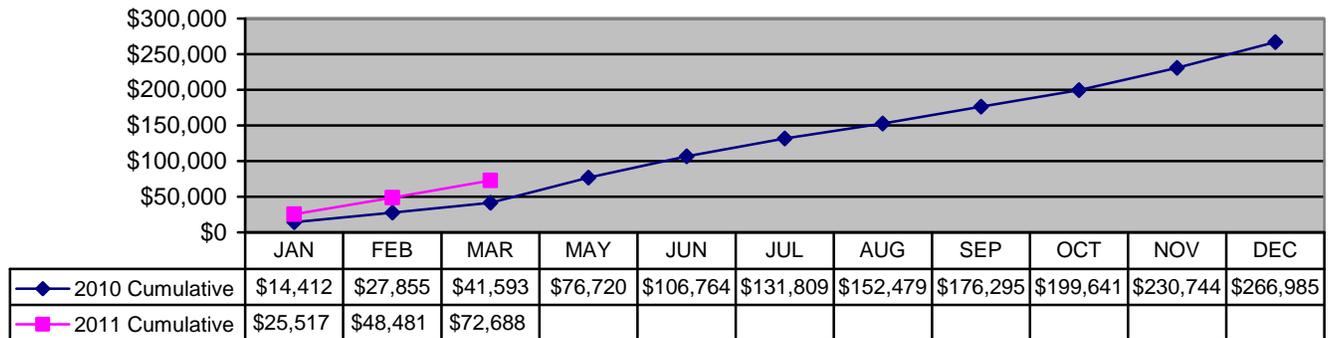
Field and Traffic Services					
Work Request by Priority	Received Total	Compliance Standard	Completed in Compliance	Compliance %	Average Days to Close
1 - Urgent (Completed within 24 Hours)	25	85%	25	100%	.04
2 - Important (Completed within 3 Business Days)	34	85%	34	100%	.97
3 - Standard (Completed within 10 Business Days)	14	85%	12	86%	6.92
4 - Preventative Maintenance (Scheduled Work)	308	N/A	N/A	N/A	N/A
Grand Total	381				
Call Center					
Calls Answered Within 2 Minutes	Total Calls/Web Requests Handled		Compliance Standard		Compliance %
	1,483		85%		94%

Annual Comparative Right-Of-Way Permits

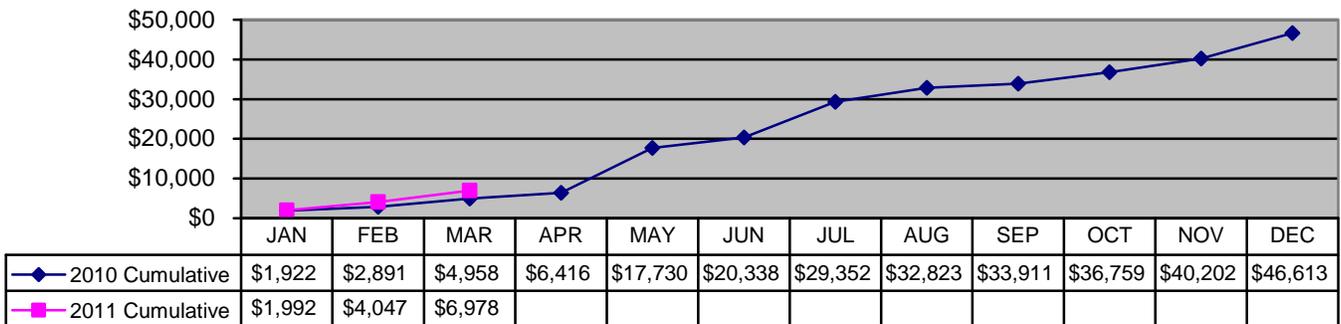
Number of Permits



Permit Revenue

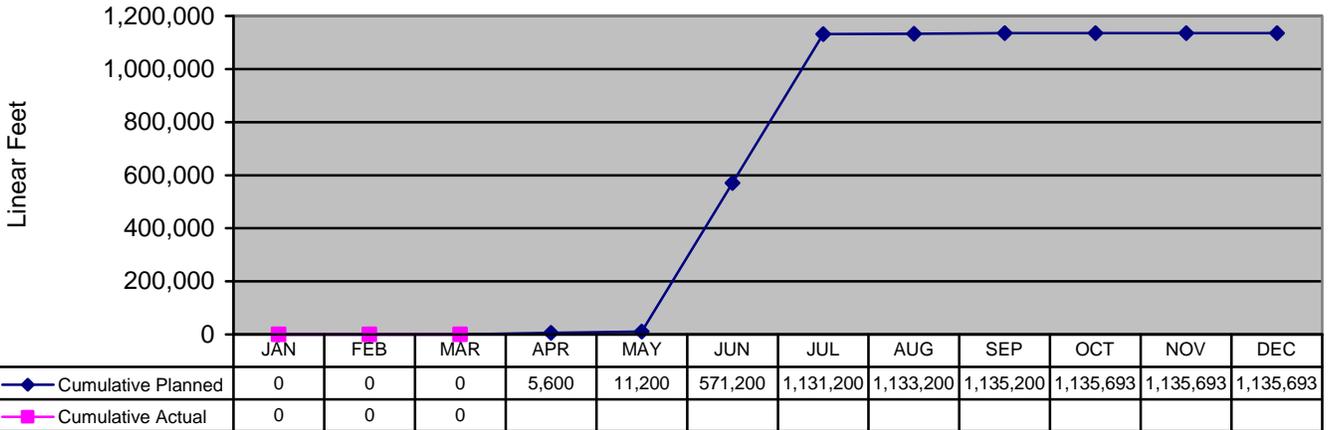


Pavement Restoration Revenue

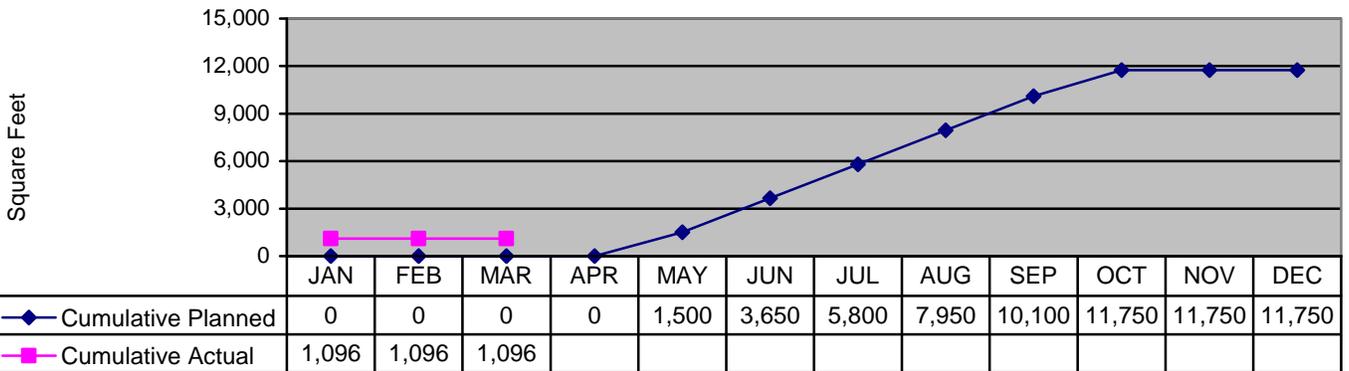


Traffic Maintenance

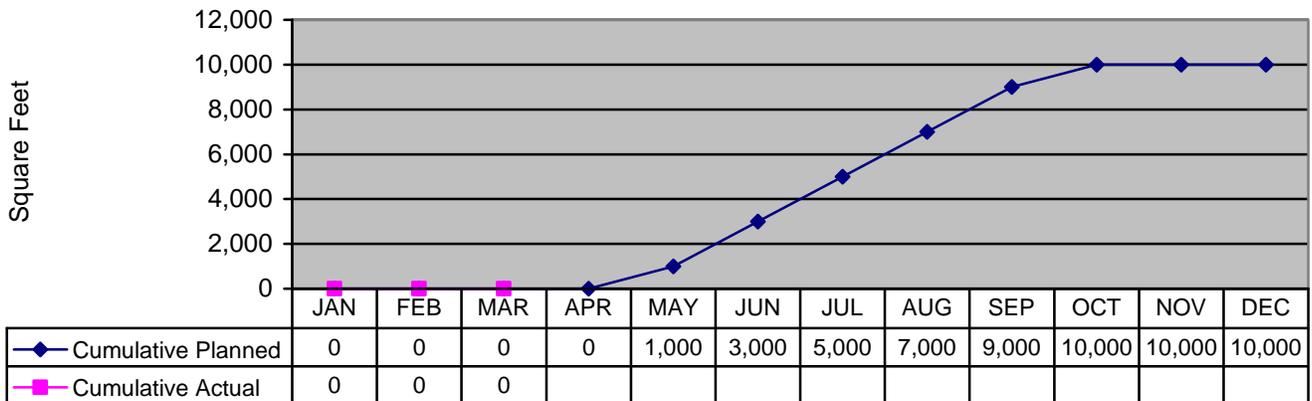
Lane Striping



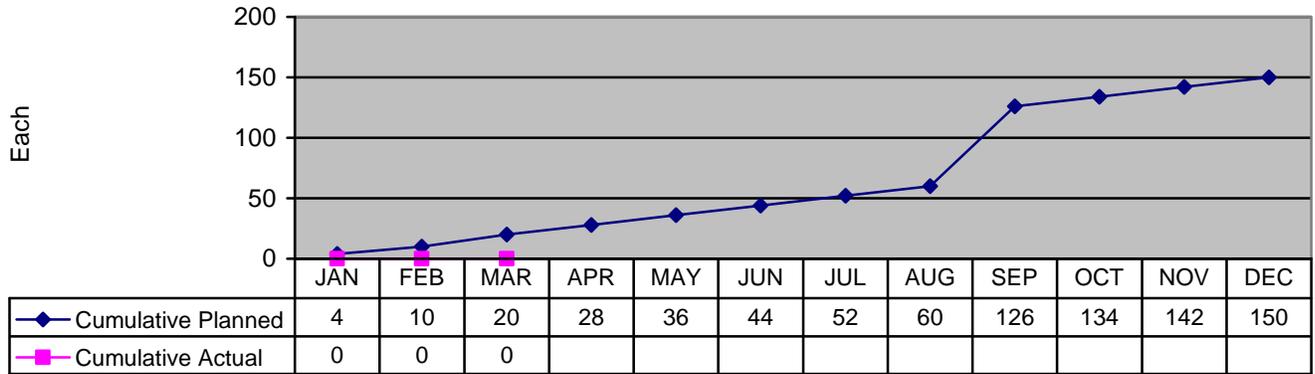
Thermoplastic Crosswalks and Stopbars



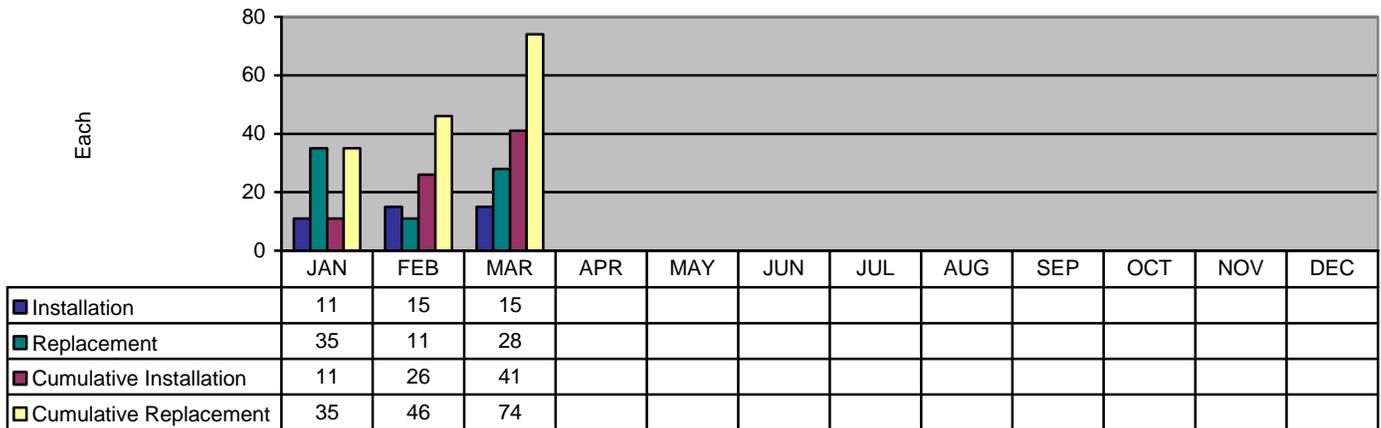
Acrylic Paint Crosswalks and Stopbars



Traffic Counts

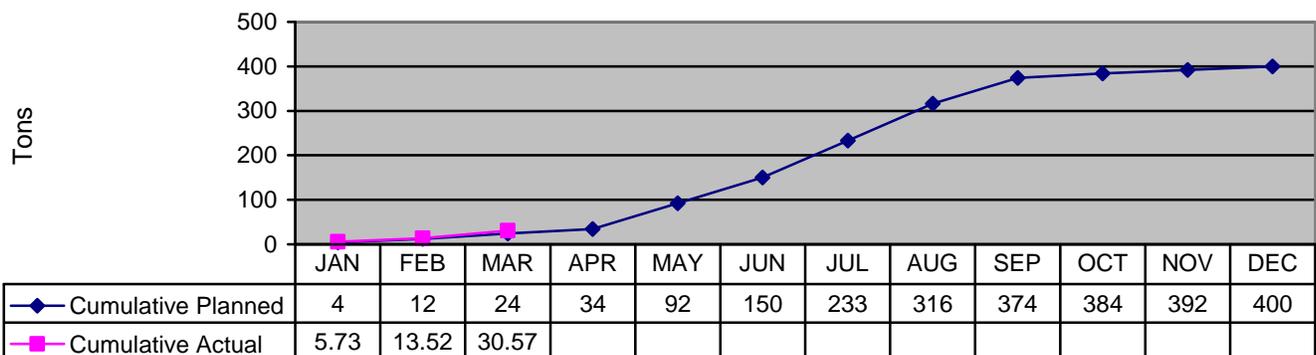


Sign Installation and Replacement

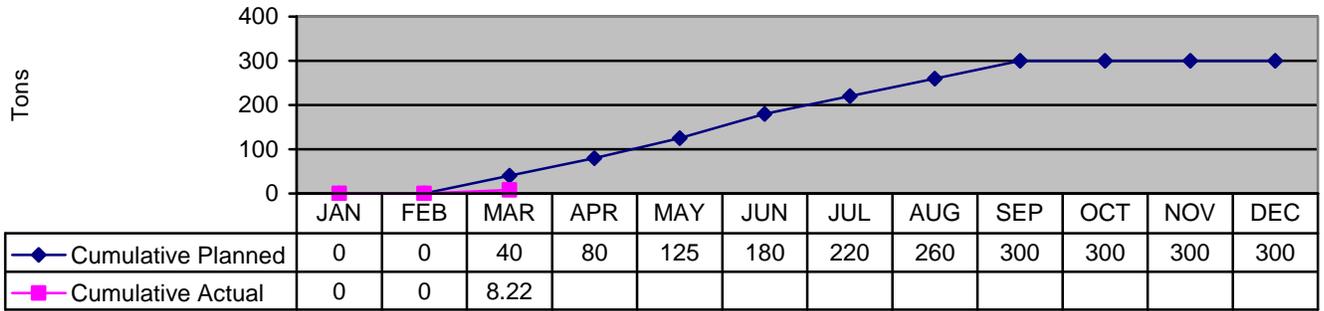


Pavement Maintenance

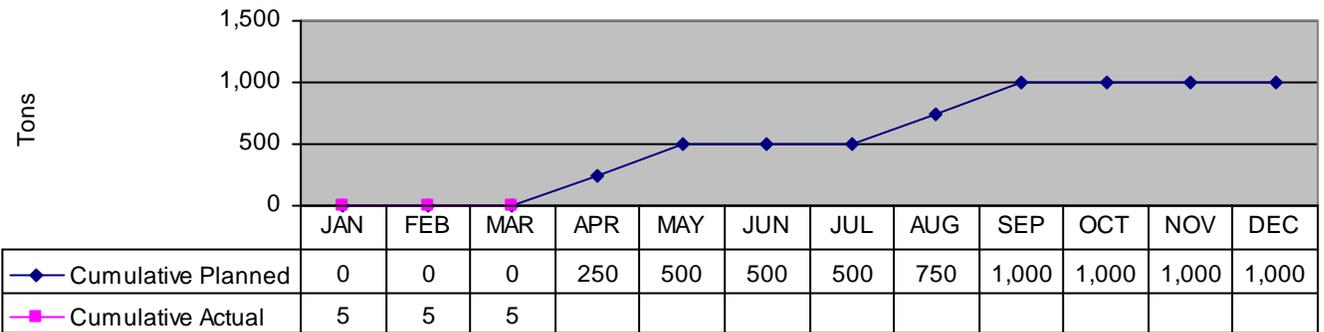
Pothole Patching



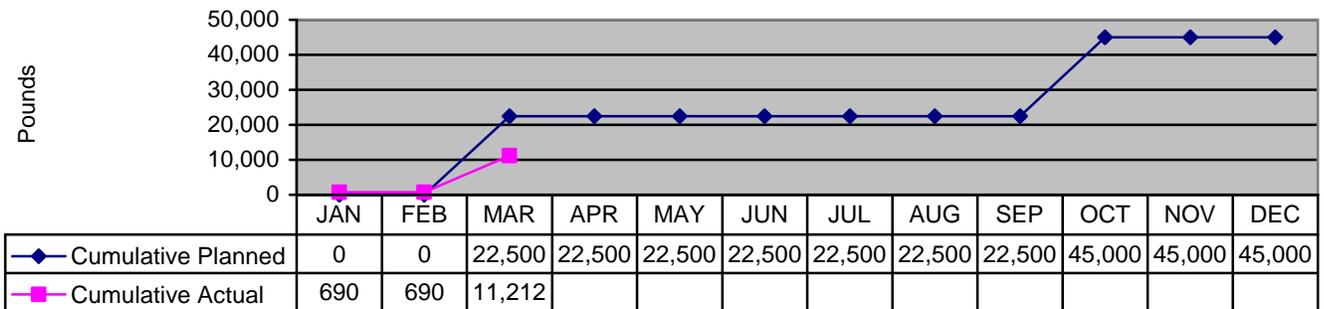
Patch Back



Major Patching

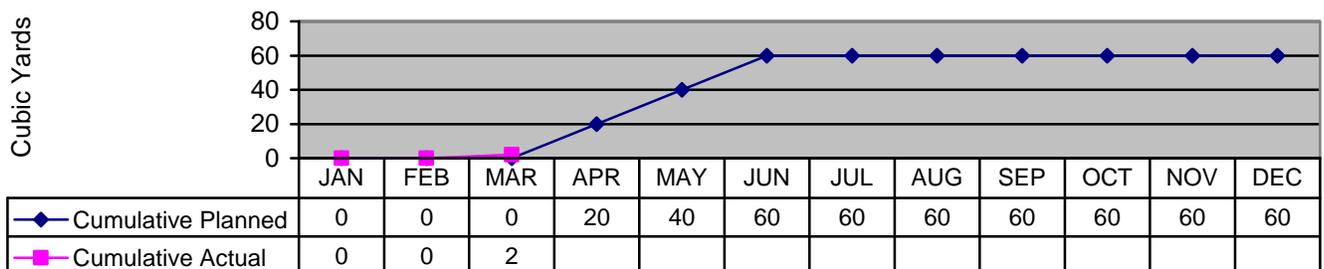


Crack Seal

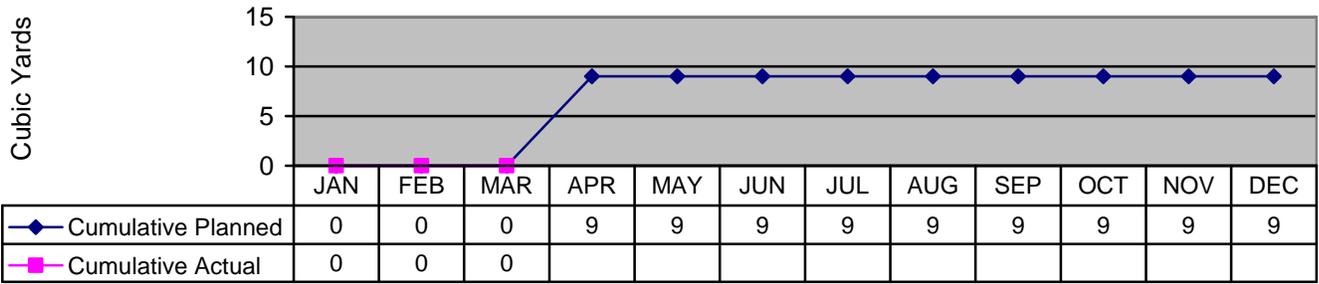


Concrete Replacement

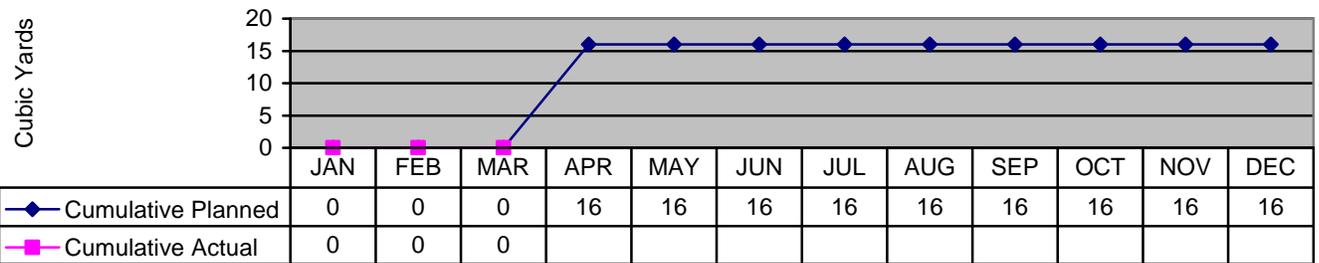
Sidewalk



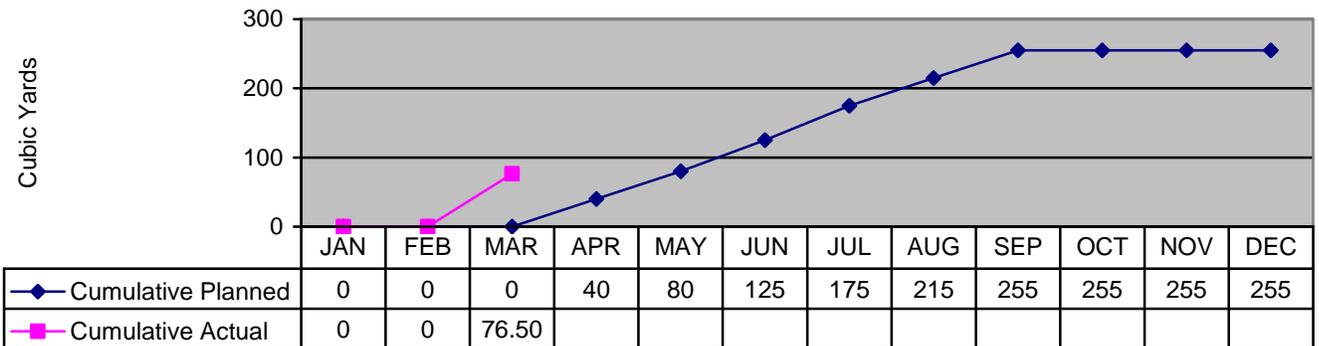
ADA Ramps



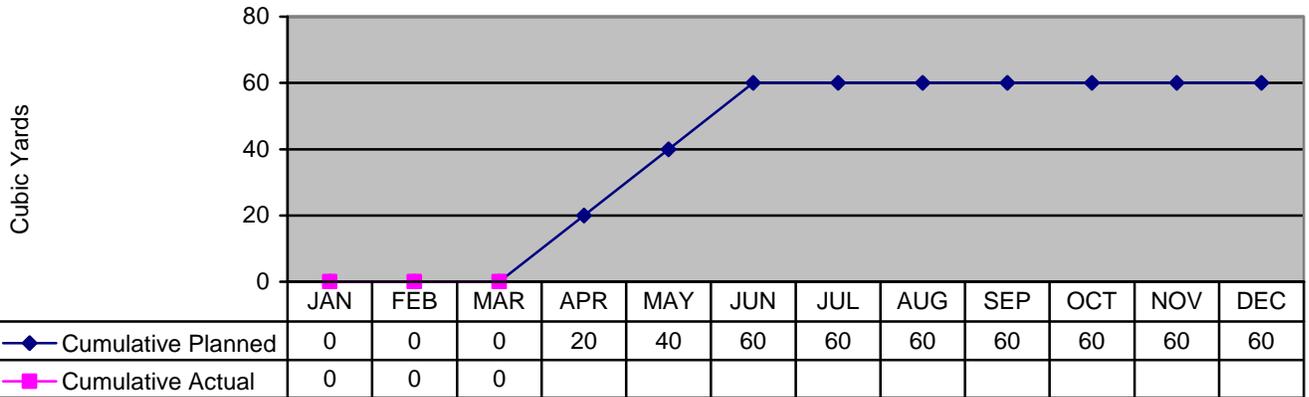
Crosspans and Aprons



Curb, Gutter and Sidewalk Combination

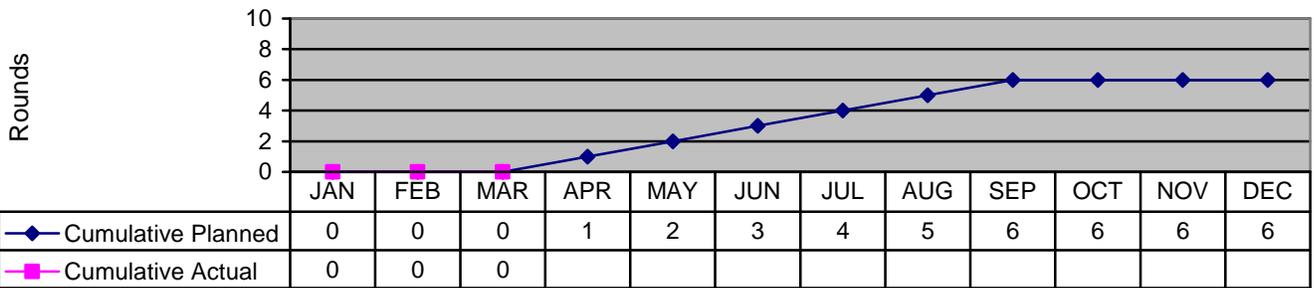


Curb and Gutter

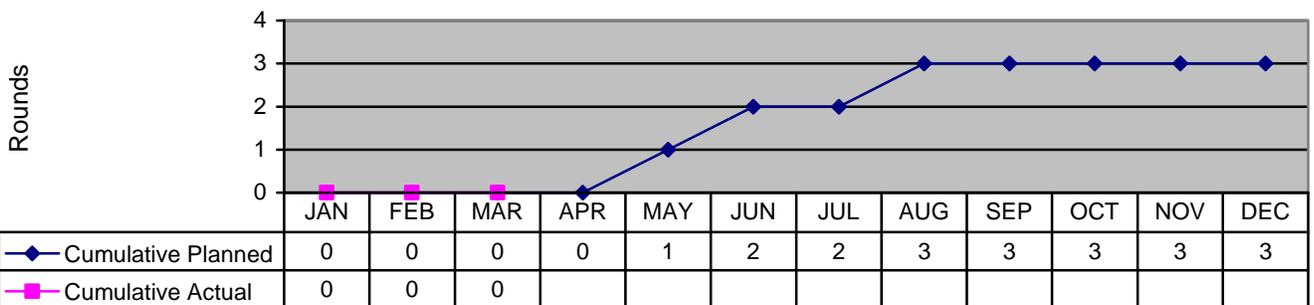


Mowing, Debris and Weed Control

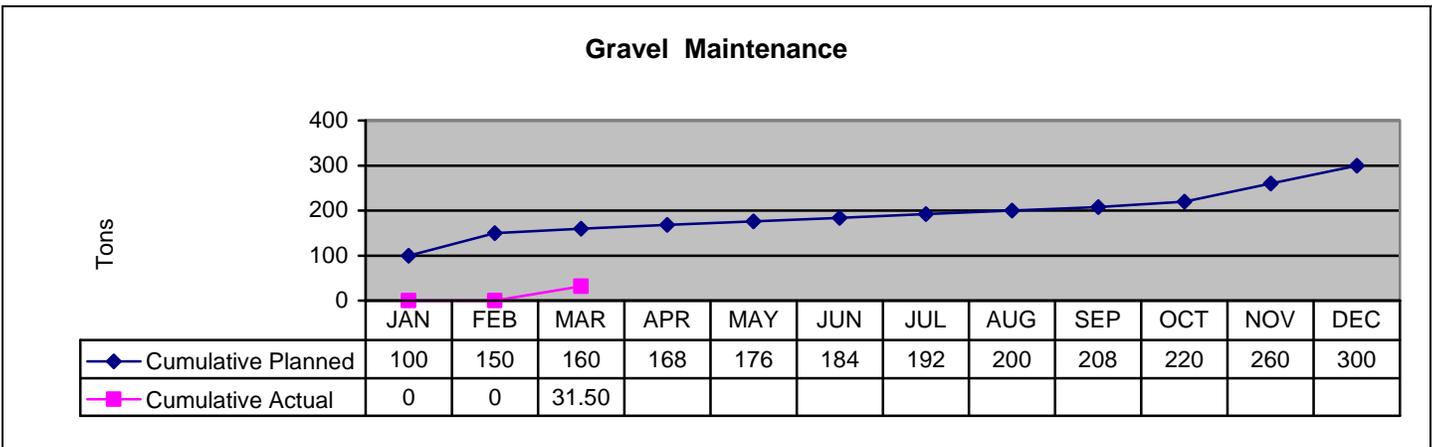
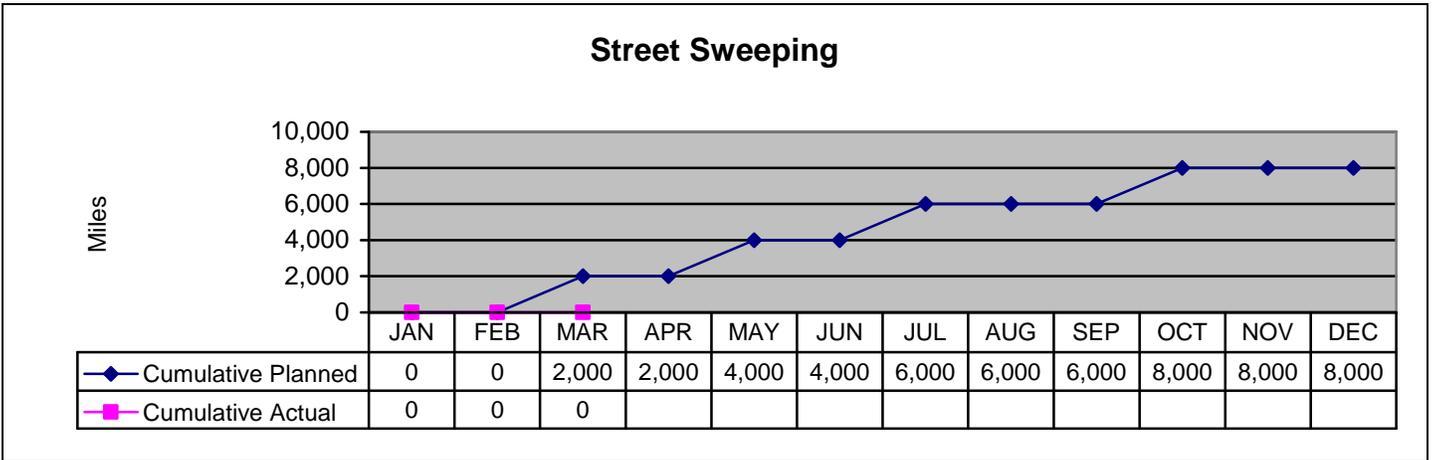
Mowing and Debris Control



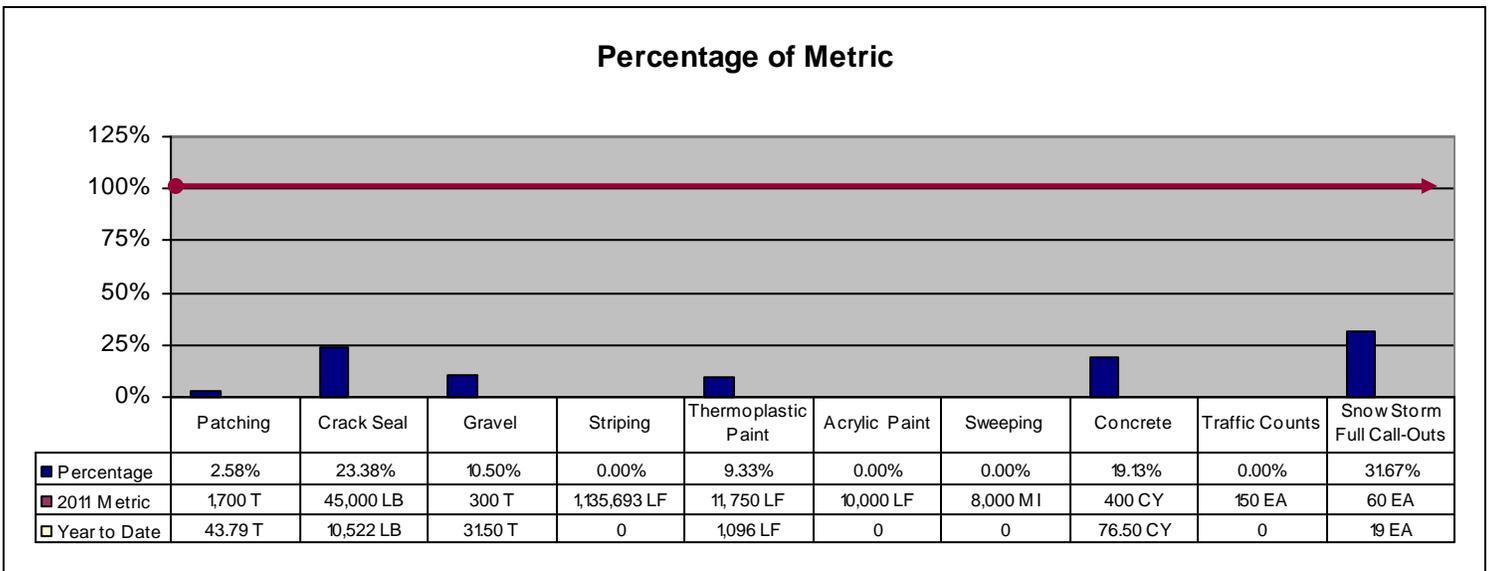
Weed Control - Spraying



Street Sweeping and Gravel Maintenance



2011 Performance Measures



Tons = T

Pounds = LB

Linear Feet = LF

Square Feet = SF

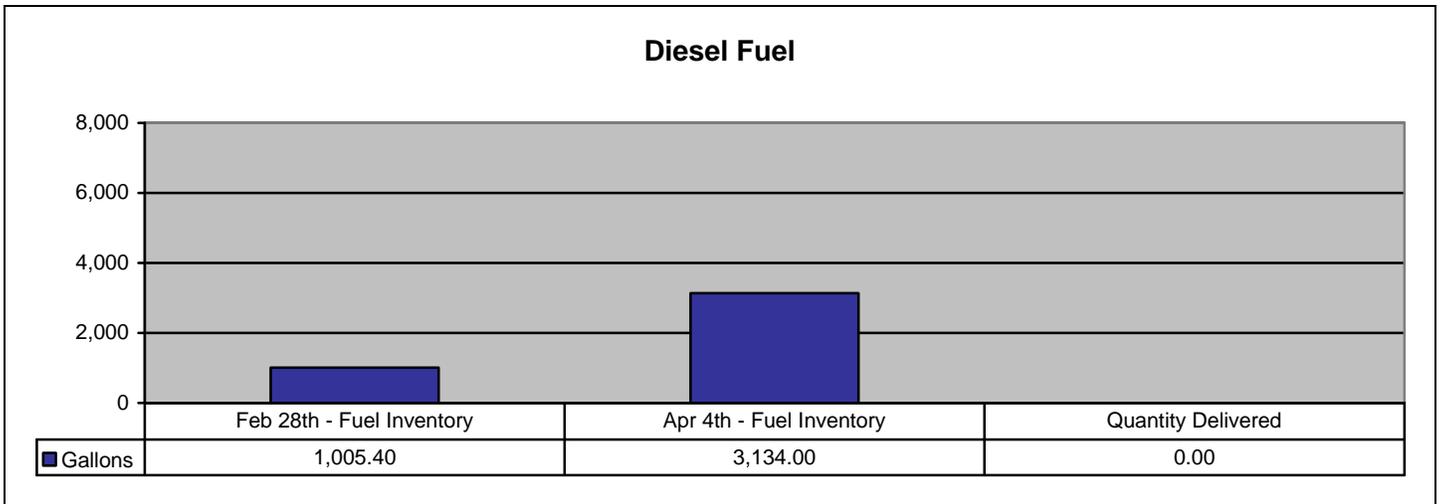
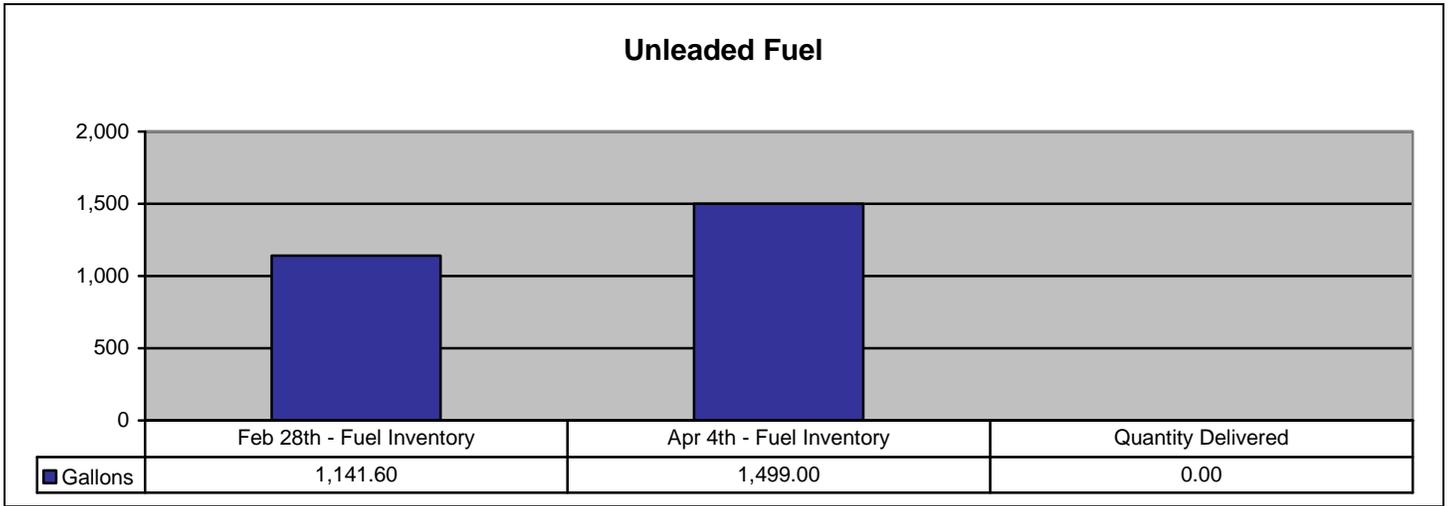
Miles = MI

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. A fuel delivery was received the first week of April.



Vehicle Use and Efficiency Period 3/1/11 to 3/31/11

Vehicle #	Fuel Type	Description	MPG	Miles
0046	DIESEL	Street Sweeper	2.80	46
0047	DIESEL	Street Sweeper	2.30	44
0048	DIESEL	Street Sweeper	3.50	59
2063	DIESEL	1983 IHC 5 yd dump	4.20	192
2202	DIESEL	1984 IHC 5 yd dump	4.10	80
3347	DIESEL	1998 IHC T/A dump	3.70	478
3348	DIESEL	1999 IHC T/A dump	4.70	214
7759	DIESEL	1997 Freightliner S/A dump	4.50	290
7792	DIESEL	1998 IHC T/A dump	4.70	95
7800	DIESEL	1998 IHC T/A dump	2.90	253
7801	DIESEL	1999 IHC T/A dump	7.90	287
7802	DIESEL	1998 IHC T/A dump	4.20	88
7850	DIESEL	1997 IHC T/A dump	3.60	227
7919	DIESEL	2000 IHC T/A dump	4.10	425
7920	DIESEL	2000 IHC T/A dump	3.90	631
8847	DIESEL	Navigator Patch Truck	4.30	465
			DIESEL Total	3,874
1597	UNLEADED	1997 ford F-250 4wd	8.30	216
2161	UNLEADED	1999 Ford F-250 4wd Super cab	6.00	774
2165	UNLEADED	1999 Ford F-250 4wd Super cab	10.40	1,186
2189	UNLEADED	1999 Ford F-350 2wd dump body	3.60	385
2396	UNLEADED	2000 Ford F-350 2wd	11.70	834
2693	UNLEADED	2001 Ford F-250 4wd	10.90	906
2921	UNLEADED	2001 Ford F-250 4wd supercab	6.35	139
3388	UNLEADED	2002 Ford Ranger 4wd ext cab	18.62	1,440
3396	UNLEADED	2002 Ford F-250 4wd	11.10	871
5993	UNLEADED	Ford F-150	15.60	526
5994	UNLEADED	Ford F-150	18.10	1,474
5995	UNLEADED	Ford F-150	10.20	1,268
5996	UNLEADED	Ford F-150	12.70	489
9032	UNLEADED	Ford F-150	16.90	952
898	UNLEADED	Chevy Equinox	19.30	685
			UNLEADED Total	12,145
			Grand Total	16,019

Snow Material Inventory Period 3/1/11 to 3/31/11

	Beginning Inventory	Delivered	Used	Ending Inventory
Liquid Material				
APEX (MgCl)	1,967.00	0.00	0.00	1,967.00
Solid Material				
Deicer (Salt & Ice Slicer)	1,898.91	0.00	0.00	1,898.91
Anti Skid (Sand/Salt Mix)	309.00	0.00	0.00	309.00
Total	2,207.91	0.00	0.00	2,207.91

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.

	2011 Budget	2011 Contract/PO Amount	Previous Balance	Invoice Amount Received	Remaining Balance
Animal Cremation Disposal (Pet Cremation Services)	\$ 4,000.00	\$ 3,000.00	\$ 2,870.00	\$ -	\$ 2,870.00
Asphalt/Coldmix Material	\$ 90,000.00	\$ 90,000.00	\$ 88,499.25	\$ (1,181.58)	\$ 87,317.67
Large Deceased Animal Pick-Up (Animal & Pest Control)	\$ 3,000.00	\$ 3,000.00	\$ 2,650.00	\$ -	\$ 2,650.00
Fuel	\$ 137,000.00	\$ 137,000.00	\$ 91,244.11	\$ -	\$ 91,244.11
Mosquito Control	\$ 34,460.00	\$ 34,460.00	\$ 34,460.00	\$ -	\$ 34,460.00
Snow Removal Materials	\$ 311,000.00	\$ 311,000.00	\$ 105,800.16	\$ -	\$ 105,800.16
Signal (Pole) Maintenance	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ -	\$ 75,000.00
Signal Additions/Repairs	\$ 174,590.00	\$ 174,590.00	\$ 163,398.86	\$ (10,053.08)	\$ 153,345.78