



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

ACTIVITY

- [Call Center](#) – The total number of calls to 303.325.8000 and web requests received were 1,565.
- [Work Requests](#) – The total number of work requests received were 2,036.
- [Compliance Summary](#) – Field and Traffic Services work requests were completed between 91%-100% compliance and the Call Center compliance metric was 92%.
- [Right-Of-Way Permits](#) – There were 34 permits issued in June.
- [Traffic Maintenance](#) – A total of 35 signs were installed and 15 were replaced for the month.
- [Pavement Maintenance](#) – June pothole patching required 275 tons of asphalt.
- [Concrete Replacement](#) – 95 cubic yards of concrete was placed for the month of June.
- [Mowing, Debris, and Weed Control](#) – A second round began in June.
- [Street Sweeping and Shoulder Maintenance](#) – The second rotation of sweeping began in June.
- [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 June right-of-way permit revenue, excluding pavement restoration fees, was \$19,938.40.

PUBLIC WORKS MAJOR ACTIVITIES

Continued to collect sign data in segments 2077-15, -22 and -27, located in northwest corner of District 1.

Kicked off the 2011 Neighborhood Traffic Management Program (NTMP) by initiating contact with the Southwood neighborhood and setting up the first neighborhood meeting for discussion.

Prepared the contract and bid documents for the 2011 Signal Pole Maintenance.

Coordinated signal pole installation by Verizon Wireless at Dry Creek/Holly and Dry Creek/Colorado.

Coordinated signal pole installation at County Line/Chester.

Worked on the 2010 Crash Analysis Report.

Coordinated the installation of new poles for the solar school beacons for the Energy Efficiency and Conservation Block Grant (EECBG) project.

A LOOK AHEAD

- Release the invitation for bids for the 2011 Traffic Signal Pole Maintenance Project.
- Complete a draft 2010 Crash Analysis Report.
- Prepare the project specifications for the 2012 Signal Maintenance Contract.
- Conduct the neighborhood meeting and develop a preliminary traffic mitigation plan for the 2011 NTMP – Southwood project.
- Assist with the IKEA grand opening, the week of July 27.
- Continue sign data collection as part of the annual sign inspection program.
- Coordinate the completion of the signal pole installations by Verizon Wireless at Dry Creek/Holly and Dry Creek/Colorado.
- Provide construction management for the EECBG solar school beacons project.

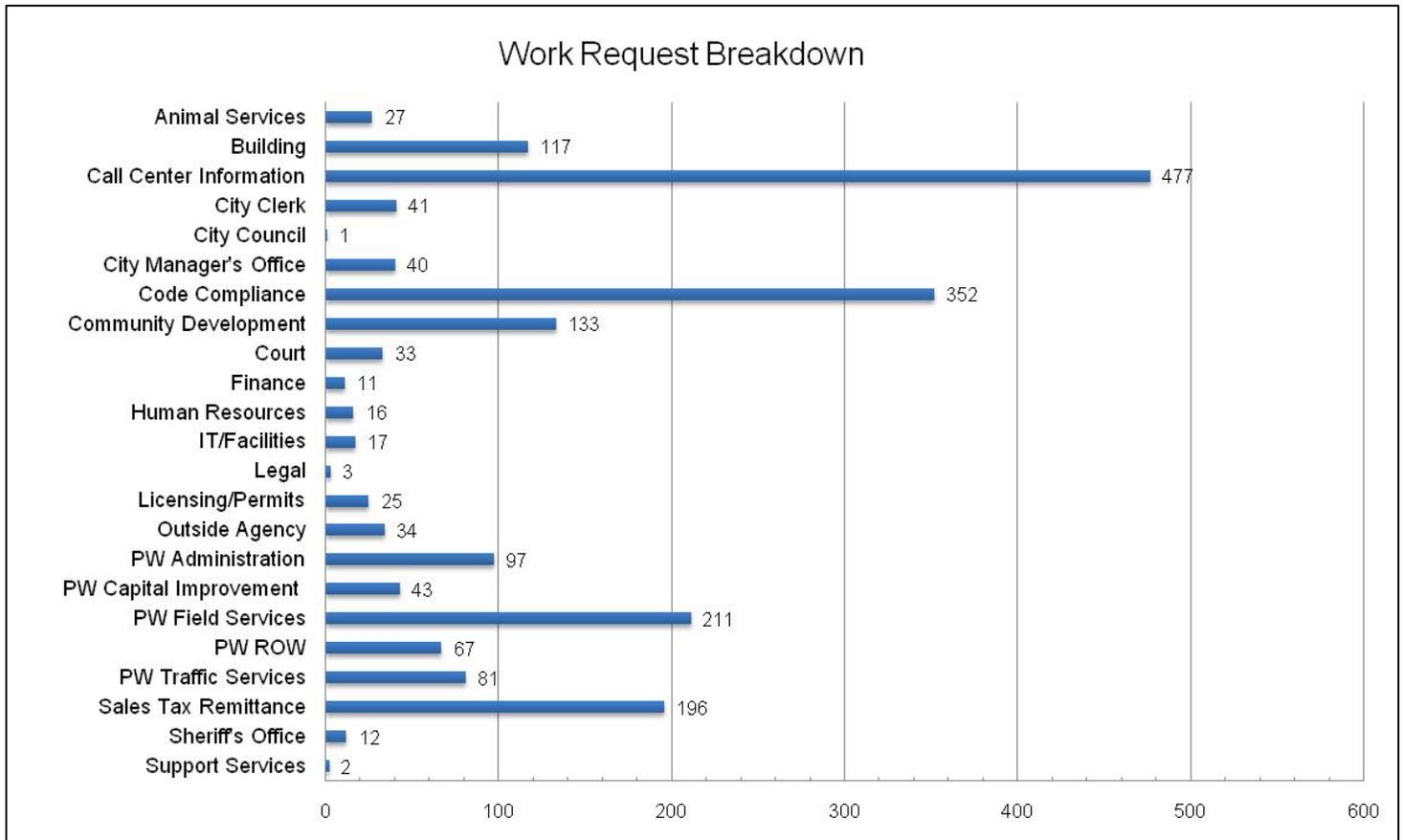
Call Center

In June, the number of phone calls received by the City's 24-Hour Call Center, 303.325.8000, was 1,565 which includes 80 web requests. Only 39 calls were routed to the answering service during business hours, and a total of 61 calls after business hours. Overall, for the month of June, the Call Center had a 92% compliance metric of answering phone calls within 120 seconds.

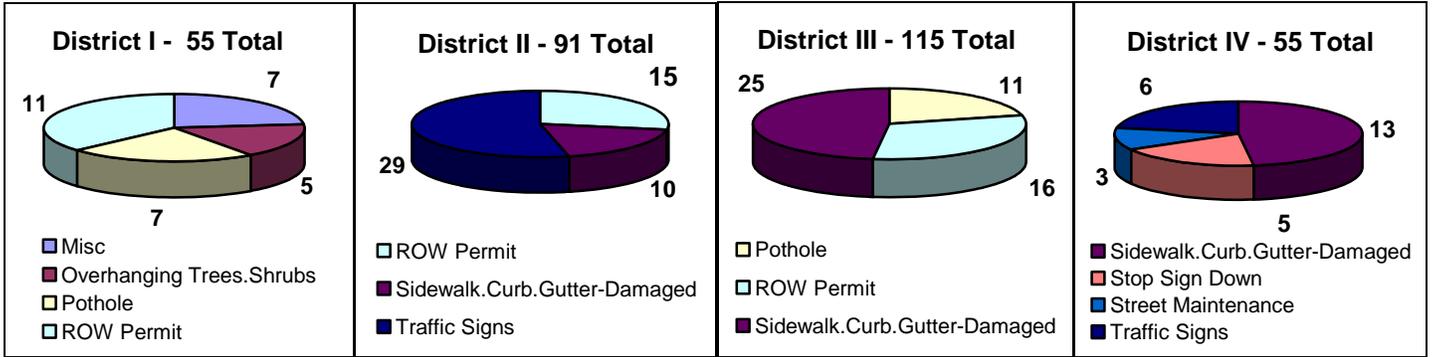
June 2011	Week 1	Week 2	Week 3	Week 4	MTD
	June 1-10	June 11-17	June 18-24	June 25-30	Total
Web Requests	28	15	19	18	80
Total Calls Handled by the Call Center	542	353	306	284	1,485
Total Metric for Call Center	570	368	325	302	1,565
Total Calls Rolled Over to Answering Service During Business Hours	14	8	10	7	39
Total Calls Rolled over to Answering Service After Hours	20	21	12	8	61

Work Request Breakdown

The work requests received by the City for the month of June were 2,036.



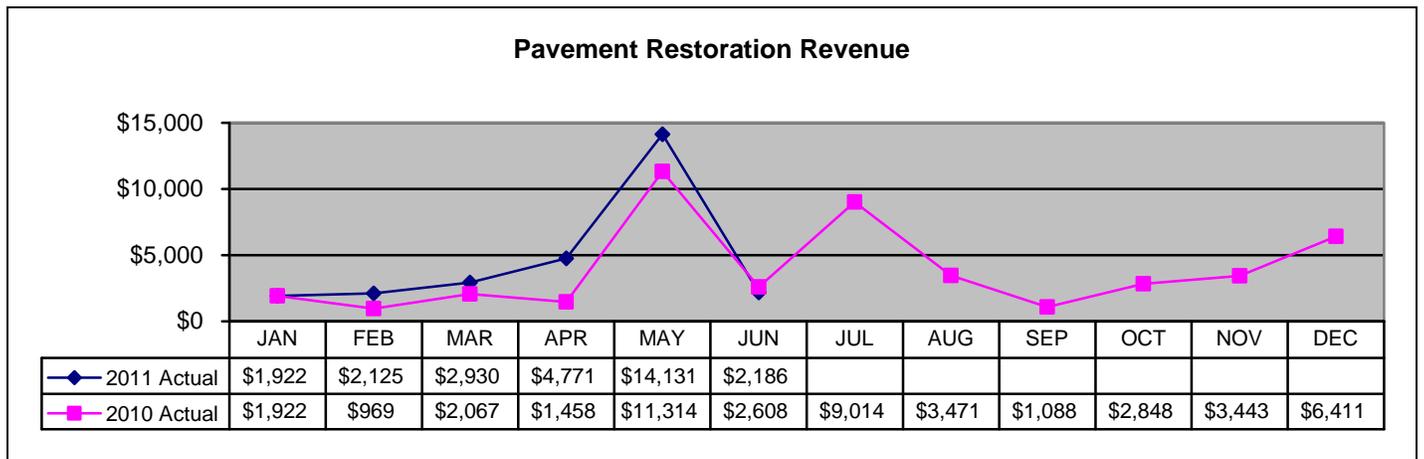
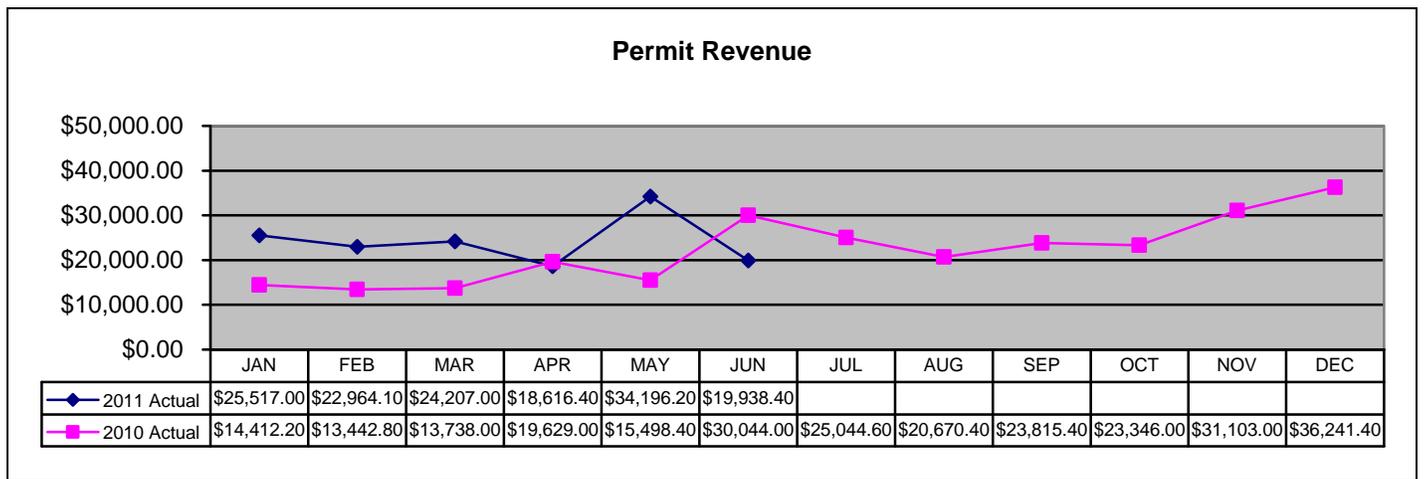
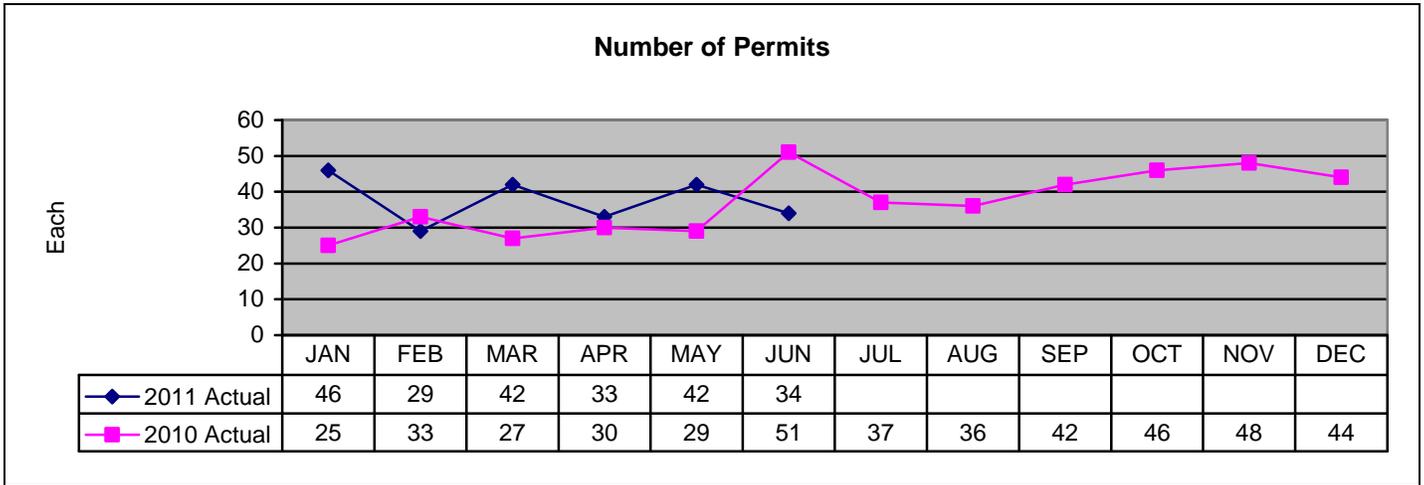
Work Request by District and Top Issues



Compliance Summary

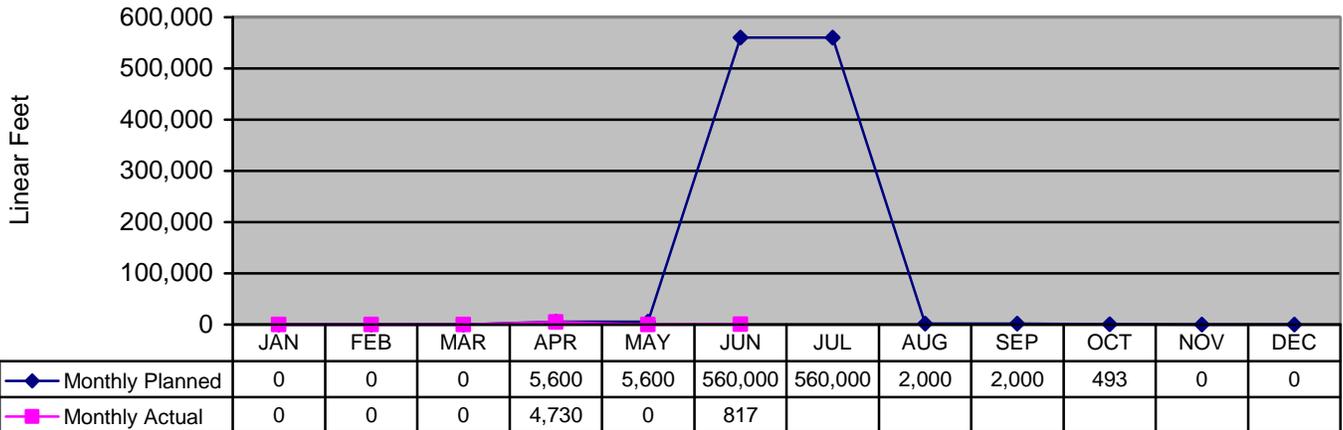
Field and Traffic Services					
Work Request by Priority	Received Total	Compliance Standard	Completed in Compliance	Compliance %	Average Days to Close
1 - Urgent (Completed within 24 Hours)	35	85%	35	100%	.03
2 - Important (Completed within 3 Business Days)	73	85%	73	100%	.96
3 - Standard (Completed within 10 Business Days)	34	85%	31	91%	5.39
4 - Preventative Maintenance (Scheduled Work)	216	N/A	N/A	N/A	N/A
Grand Total	358				
Call Center					
Calls Answered Within 2 Minutes	Total Calls/Web Requests Handled		Compliance Standard		Compliance %
	1,565		85%		92%

Annual Comparative Right-Of-Way Permits

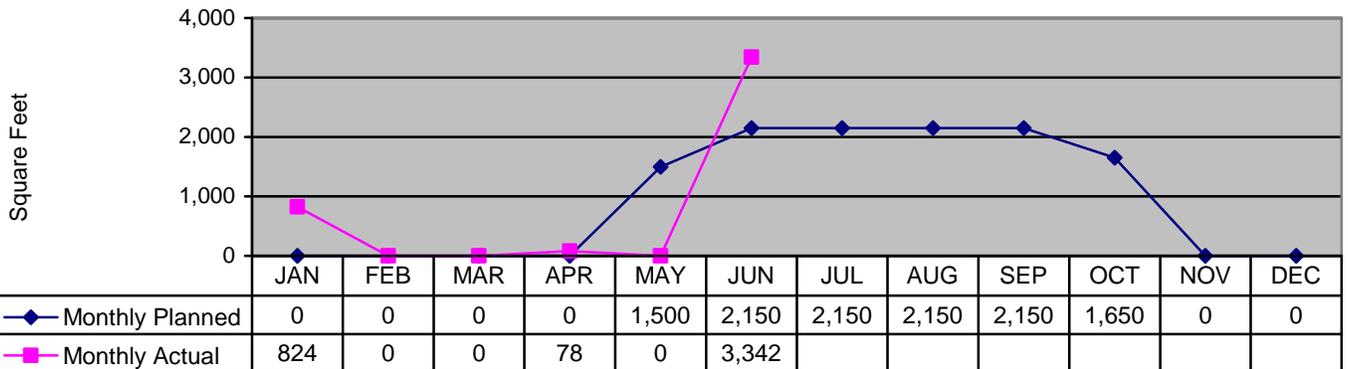


Traffic Maintenance

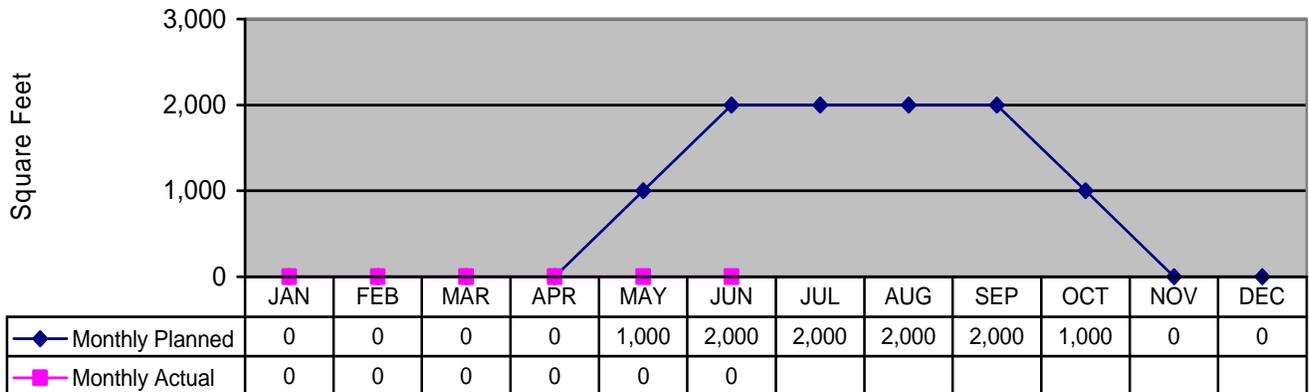
Lane Striping



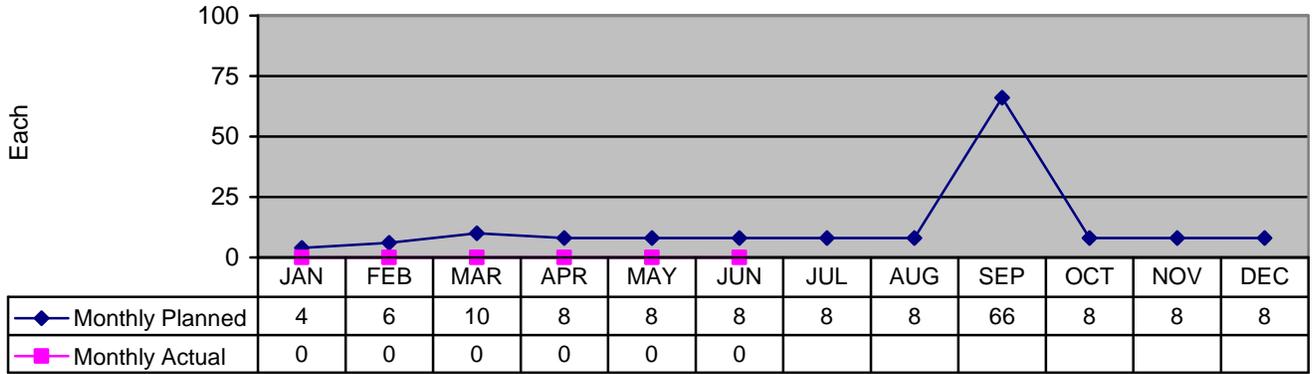
Thermoplastic Crosswalks and Stopbars



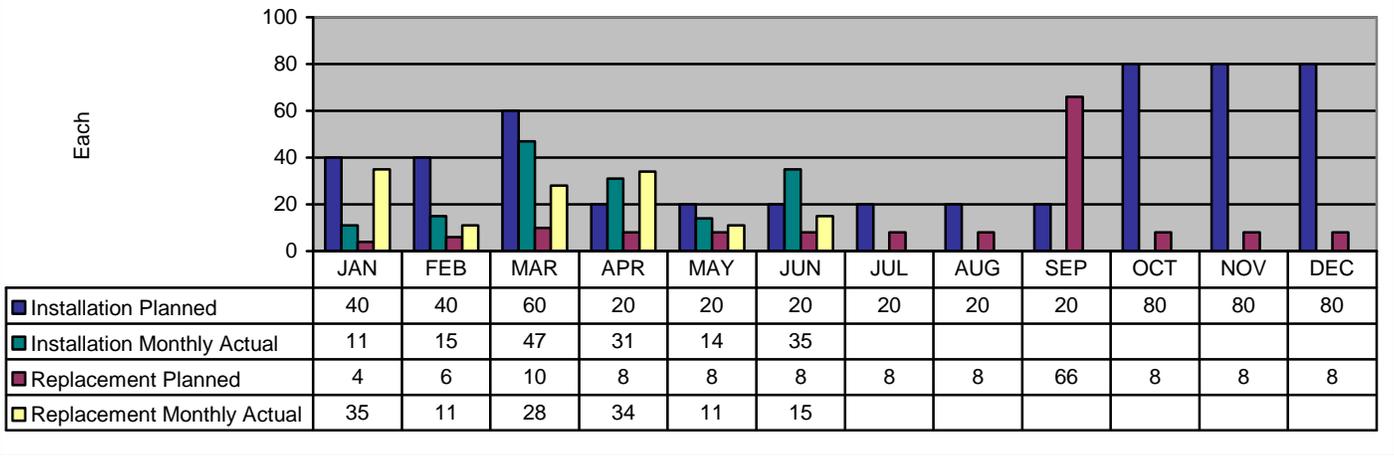
Acrylic Paint Crosswalks and Stopbars



Traffic Counts

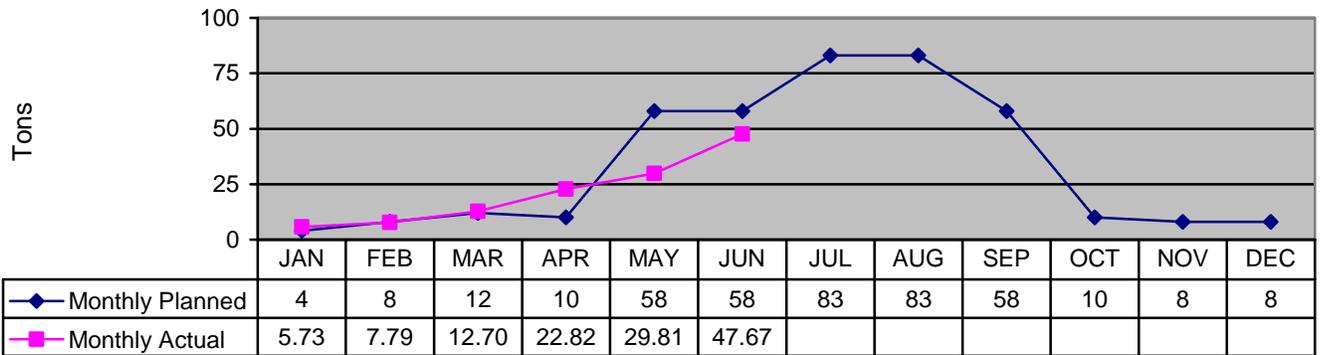


Sign Installation and Replacement

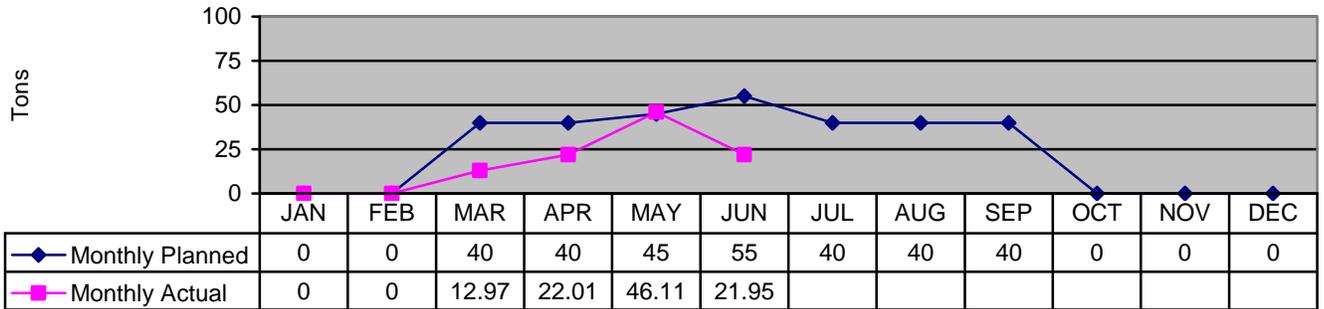


Pavement Maintenance

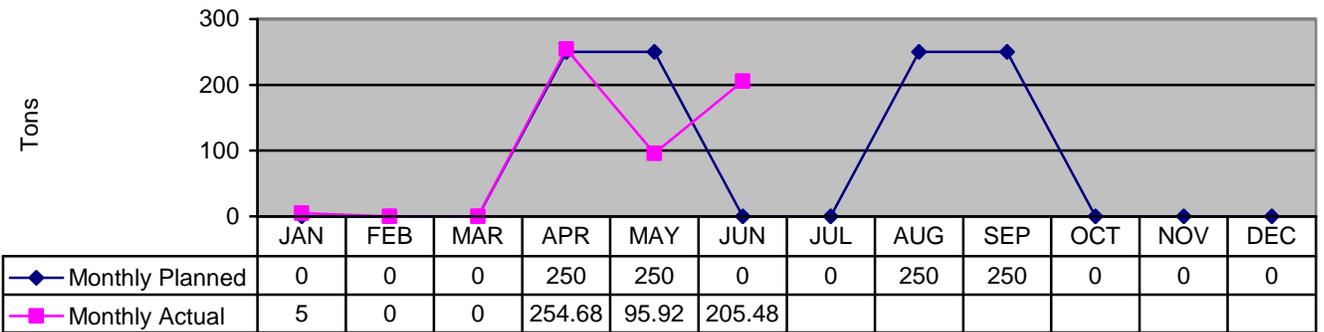
Pothole Patching



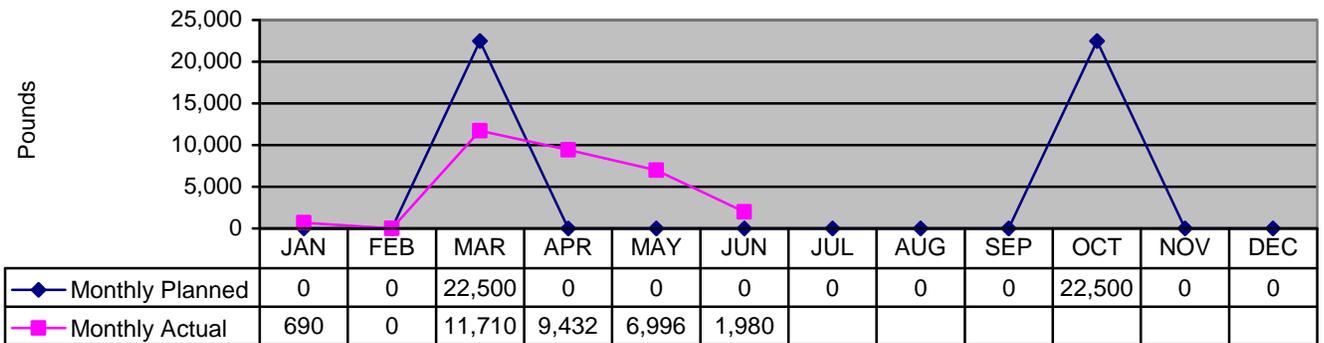
Patch Back



Major Patching

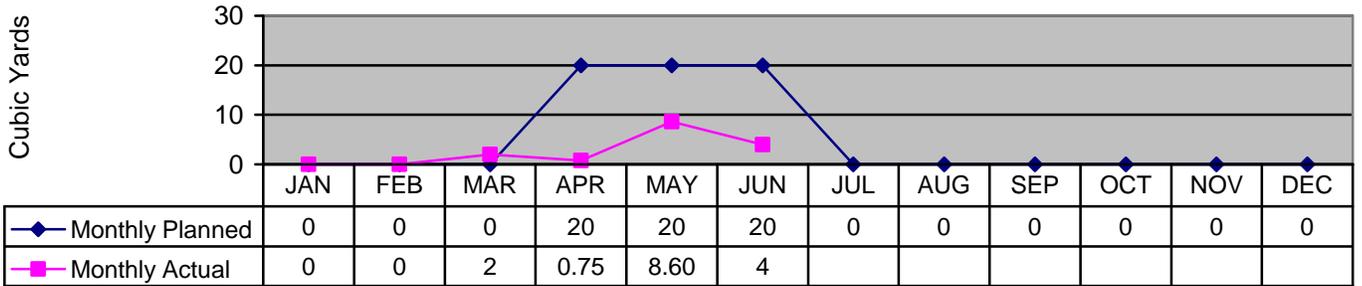


Crack Seal

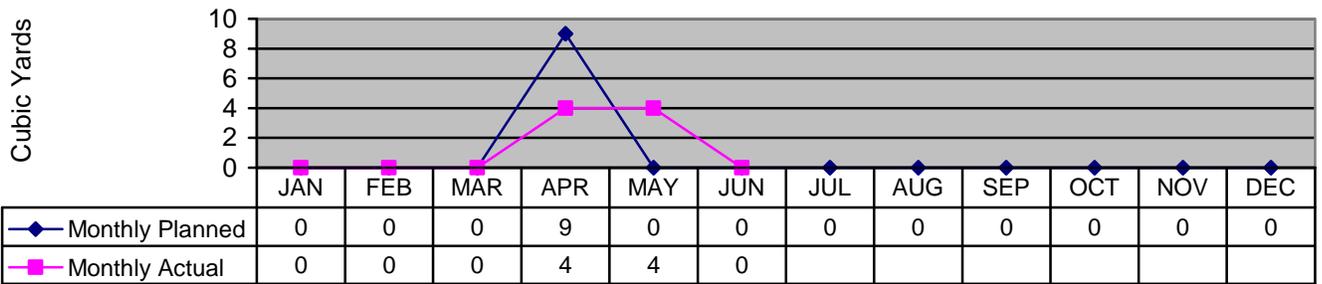


Concrete Replacement

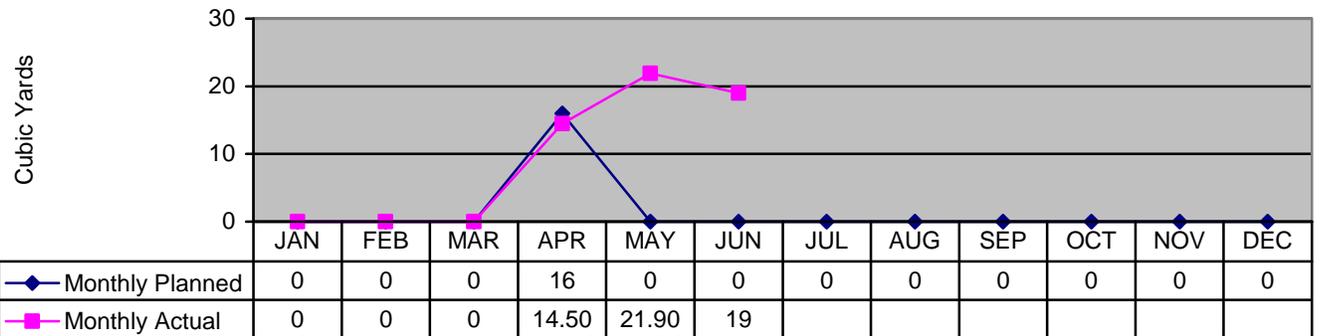
Sidewalk



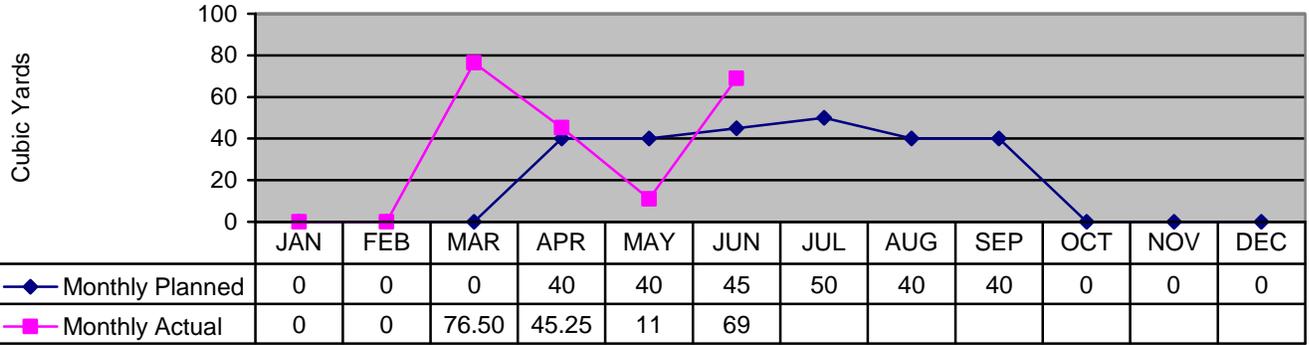
ADA Ramps



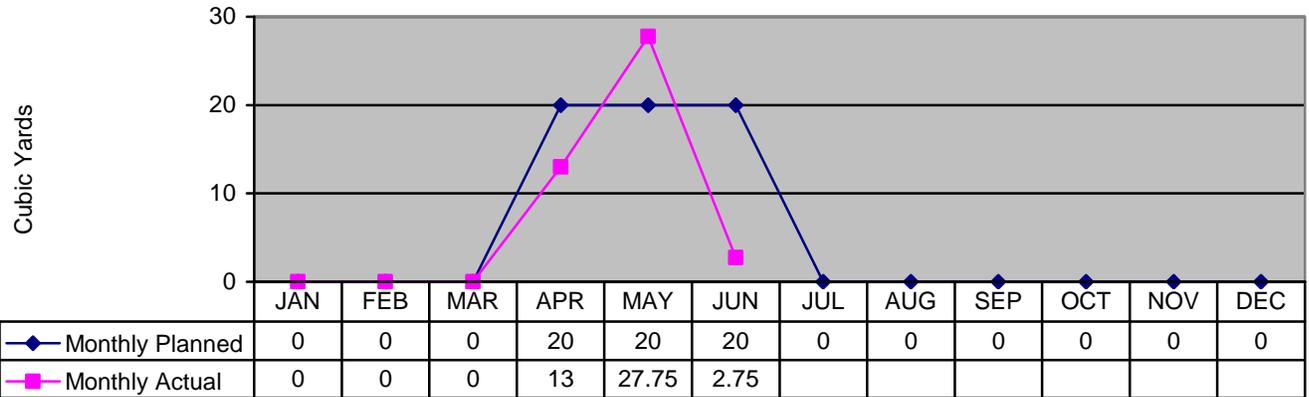
Crosspans and Aprons



Curb, Gutter and Sidewalk Combination

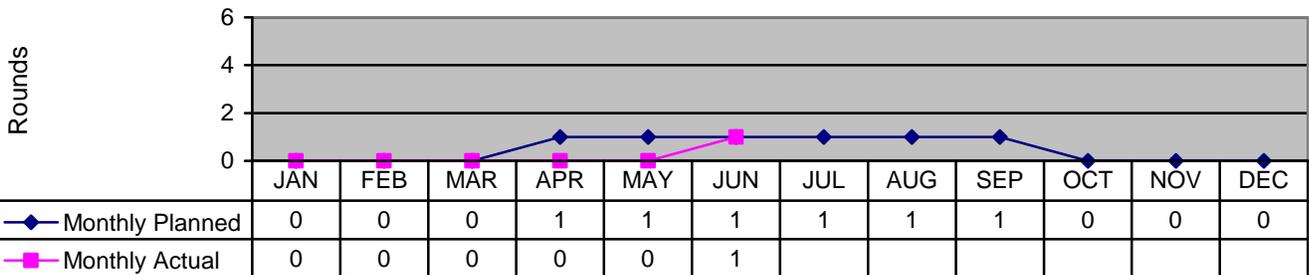


Curb and Gutter

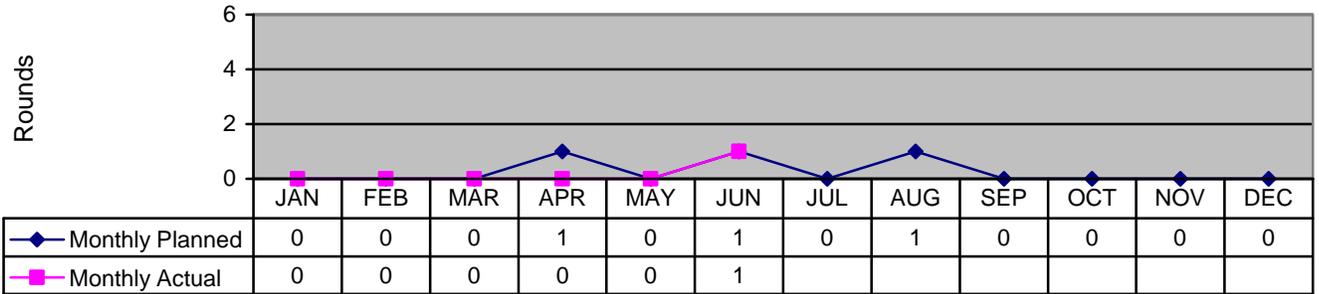


Mowing, Debris and Weed Control

Mowing and Debris Control

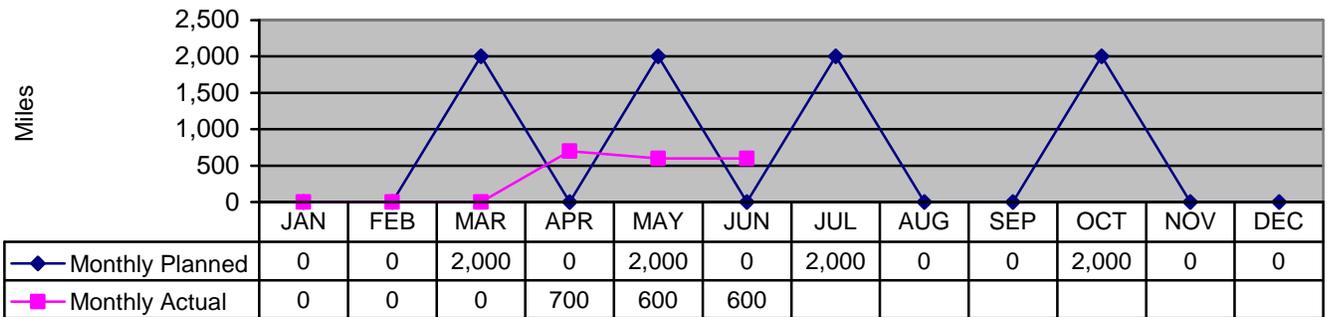


Weed Control - Spraying

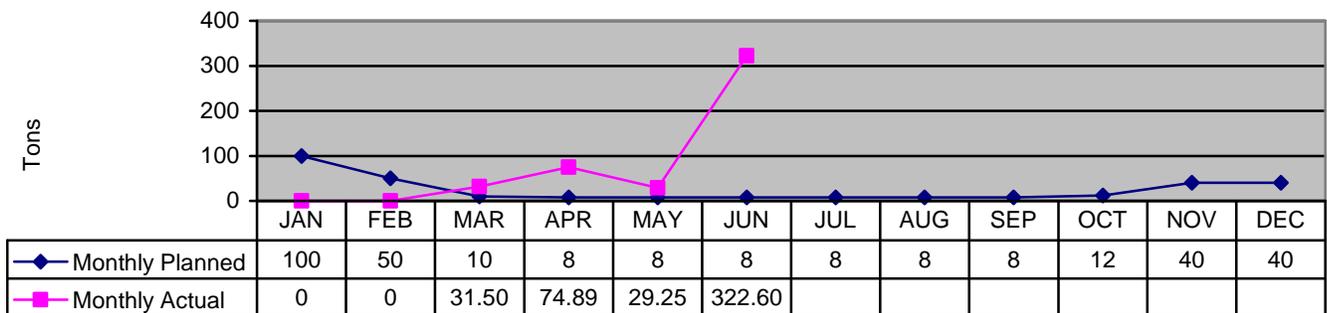


Street Sweeping and Gravel Maintenance

Street Sweeping

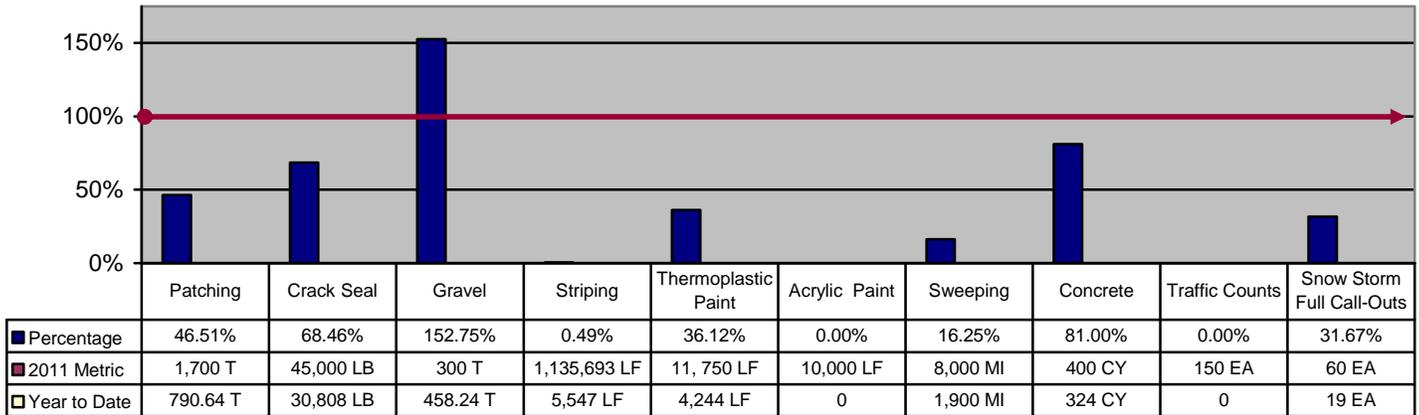


Gravel Maintenance



2011 Performance Measures

Percentage of Metric

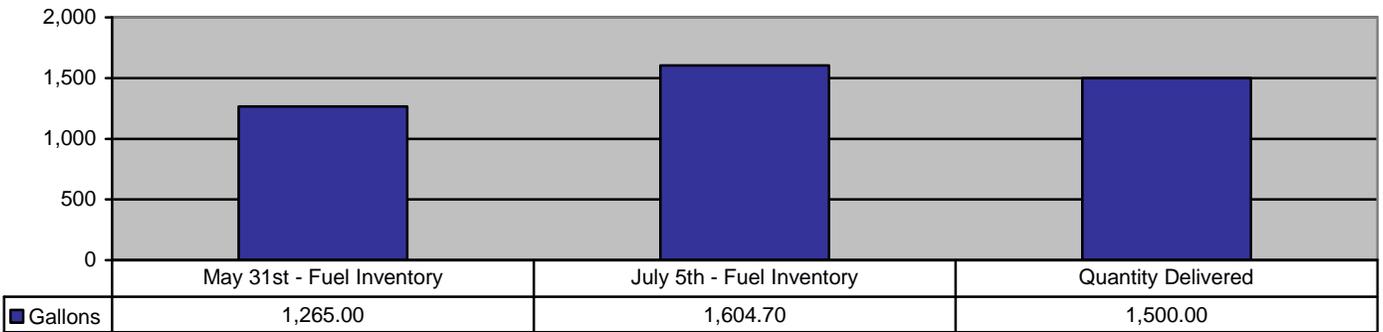


Tons = T Pounds = LB Linear Feet = LF Square Feet = SF Miles = MI Cubic Yards = CY Each - EA

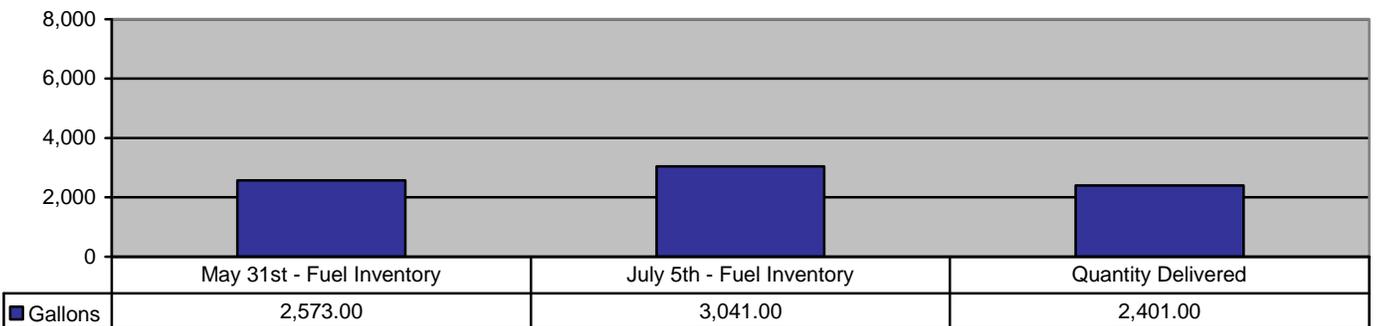
Fuel Inventory

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 June.

Unleaded Fuel



Diesel Fuel



Vehicle Use and Efficiency
Period 6/1/11 to 6/30/11

Vehicle #	Fuel Type	Description	MPG	Miles
2063	DIESEL	1983 IHC 5 yd dump	8.10	57
7802	DIESEL	1998 IHC T/A dump	2.90	312
7850	DIESEL	1997 IHC T/A dump	4.70	262
7919	DIESEL	2000 IHC T/A dump	4.40	264
7920	DIESEL	2000 IHC T/A dump	4.75	449
8847	DIESEL	Navigator Patch Truck	4.40	901
7759	DIESEL	1997 Freightliner Dump	5.50	426
DIESEL Total			2,671	
1597	UNLEADED	1997 ford F-250 4wd	9.00	334
2161	UNLEADED	1999 Ford F-250 4wd Super cab	4.70	660
2165	UNLEADED	1999 Ford F-250 4wd Super cab	10.50	1,335
2189	UNLEADED	1999 Ford F-350 2wd dump body	8.40	335
2396	UNLEADED	2000 Ford F-350 2wd	9.00	444
2693	UNLEADED	2001 Ford F-350 4wd	11.50	486
3388	UNLEADED	2002 Ford Ranger 4wd ext cab	18.50	1,427
3396	UNLEADED	2002 Ford F-250 4wd	2.55	243
5993	UNLEADED	Ford F-150	15.30	569
5994	UNLEADED	Ford F-150	14.30	1,568
5995	UNLEADED	Ford F-150	11.50	470
5996	UNLEADED	Ford F-150	21.20	769
9032	UNLEADED	Ford F-150	18.30	2,171
898	UNLEADED	Ford F-150	18.60	559
UNLEADED Total			11,370	
Grand Total			14,041	

Snow Material Inventory Period 6/1/11 to 6/30/11

	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.

*A correction was made to the Signal Additions/Repairs account. Finance previously notified TES part of the December 2010 charges would be taken out of the 2011 budget due to work dates continuing into 2011. Therefore, the correct balance is below.

	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	\$ (104.00)	\$ 2,766.00
Asphalt/Coldmix Material	\$ 90,000.00	\$ 90,000.00	\$ 68,197.05	\$ (8,689.49)	\$ 59,507.56
Large Deceased Animal Pick-Up (Animal & Pest Control)	\$ 3,000.00	\$ 3,000.00	\$ 2,300.00	\$ -	\$ 2,300.00
Fuel	\$ 137,000.00	\$ 137,000.00	\$ 68,027.21	\$ (13,153.90)	\$ 54,873.31
Mosquito Control	\$ 34,460.00	\$ 34,460.00	\$ 22,973.34	\$ (5,743.33)	\$ 17,230.01
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	\$ 133,101.61	\$ (16,814.36)	\$ 116,287.25