



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

ACTIVITY

- [Call Center](#) – The total number of calls to 303.325.8000 and web requests received were 1,459.
- [Work Requests](#) – The total number of work requests received were 1,926.
- [Compliance Summary](#) – Field and Traffic Services work requests were completed between 93%-94% compliance and the Call Center compliance metric was 89%.
- [Right-Of-Way Permits](#) – There were 27 permits issued in July.
- [Traffic Maintenance](#) – A total of 25 signs were installed and 31 were replaced for the month.
- [Pavement Maintenance](#) – July pothole patching required 107 tons of asphalt.
- [Concrete Replacement](#) – 45 cubic yards of concrete was placed for the month of July.
- [Mowing, Debris, and Weed Control](#)
- [Street Sweeping and Shoulder Maintenance](#)
- [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 July right-of-way permit revenue, excluding pavement restoration fees, was \$14,659.

PUBLIC WORKS MAJOR ACTIVITIES

Prepared the project specifications for bidding the 2012 Signal Maintenance Contract.

Set up the neighborhood meeting for the 2011 Neighborhood Traffic Mitigation Program (NTMP) – Southwood project.

Coordinated the installation of the signal poles and mast arms by Verizon Wireless at Dry Creek/Holly and Dry Creek/Colorado.

Provided construction management for the Energy Efficiency and Conservation Block Grant (EECBG) solar school beacons project.

Assisted with the IKEA grand opening to include traffic control planning and implementation.

Continued sign data collection in segments 2077-15, -22 and -27, the northwest corner of District 1.

Completed a signal re-timing project on Easter Avenue/Broncos Parkway in coordination with Arapahoe County.

Public Works completed the second rotation of mowing and applied an application of broad leaf herbicide to kill weeds and encourage the growth of grass.

The striping program began the first week of July and the crews completed striping and sweeping the streets in the vicinity of the IKEA location prior to the grand opening.

A LOOK AHEAD

- Release the invitation for bids for the 2011 Traffic Signal Pole Maintenance Project.
- Release the invitation for bids for the 2012 Signal Maintenance Contract.
- Conduct the neighborhood meeting and develop a traffic mitigation plan for the 2011 NTMP – Southwood project.
- 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.
- Coordinate the completion of the EECBG solar school beacons project.
- Public Works will continue working on sign maintenance, which is a year-round activity.
- Public works crews continue to complete the sweeping efforts for the entire City.

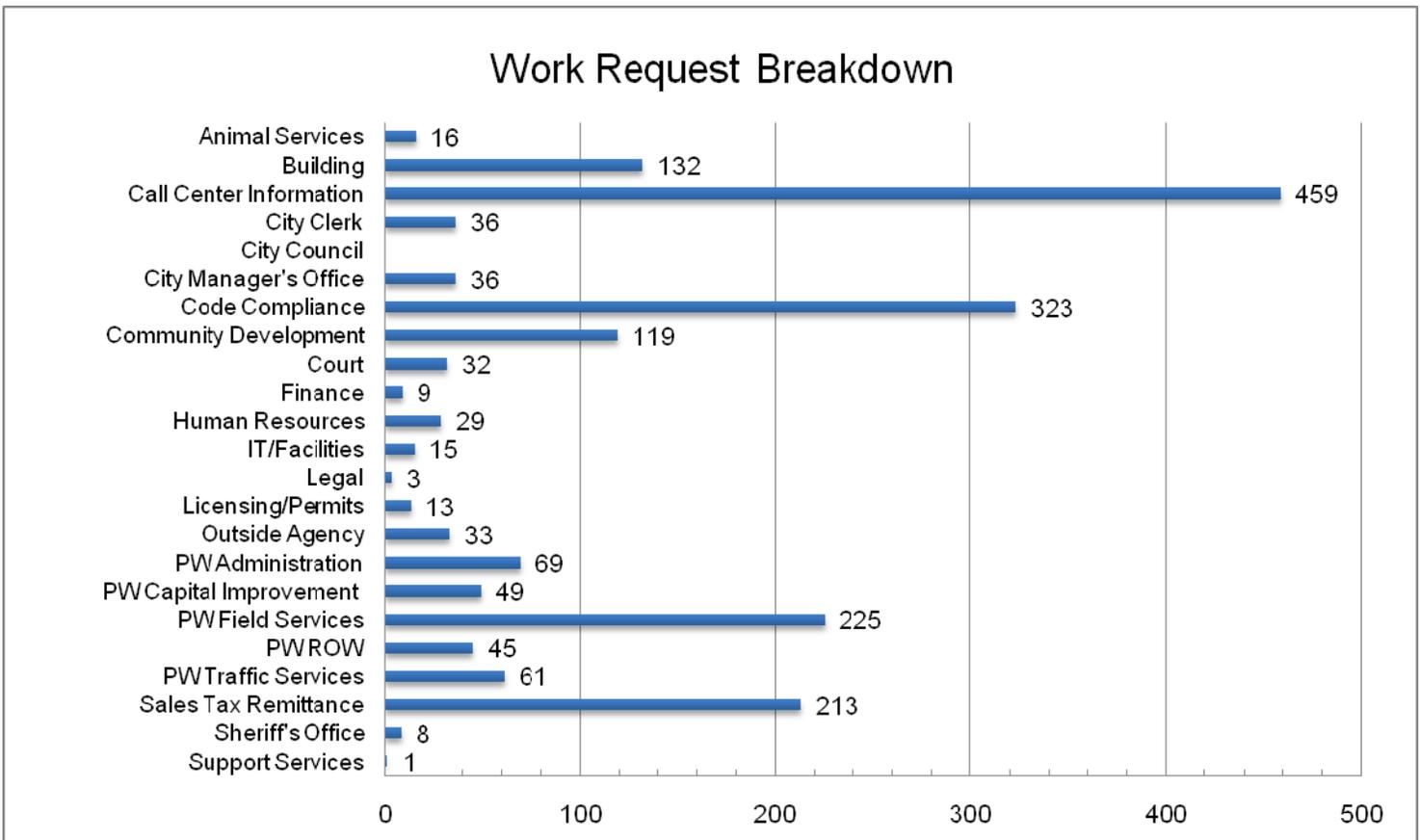
Call Center

In July, the number of phone calls received by the City's 24-Hour Call Center, 303.325.8000, was 1,459 which includes 61 web requests. Only 33 calls were routed to the answering service during business hours, and a total of 69 calls after business hours. Overall, for the month of July, the Call Center had an 89% compliance metric of answering phone calls within 120 seconds.

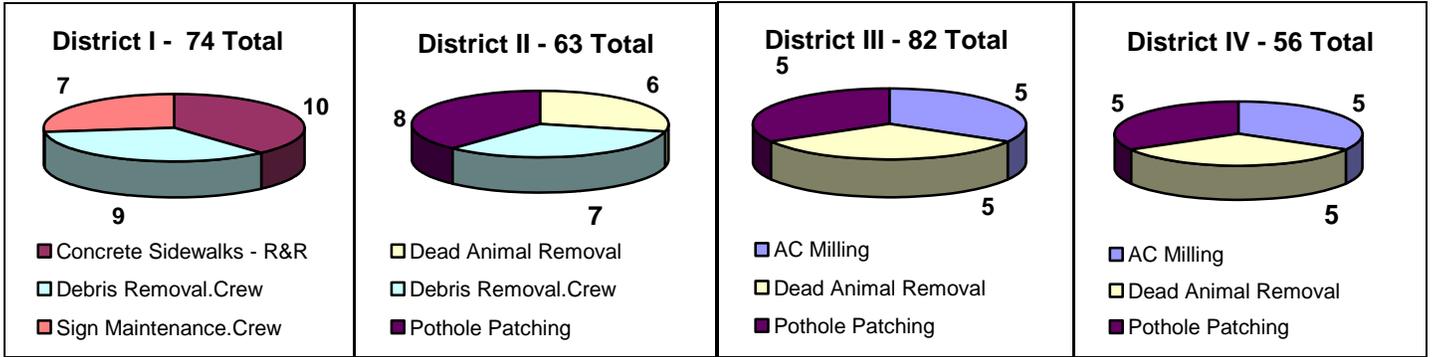
July 2011	Week 1	Week 2	Week 3	Week 4	MTD
	July 1-10	July 11-17	July 18-24	July 25-31	Total
Web Requests	18	15	11	17	61
Total Calls Handled by the Call Center	302	351	378	367	1,398
Total Metric for Call Center	320	366	389	384	1,459
Total Calls Rolled Over to Answering Service During Business Hours	10	6	8	9	33
Total Calls Rolled over to Answering Service After Hours	22	20	13	14	69

Work Request Breakdown

The work requests received by the City for the month of July were 1,926.



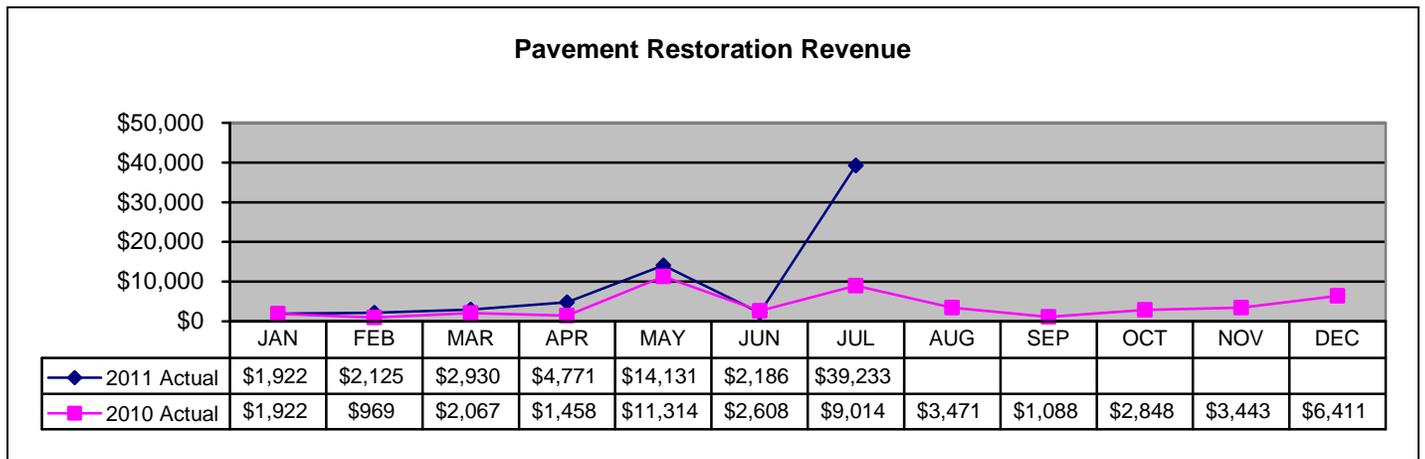
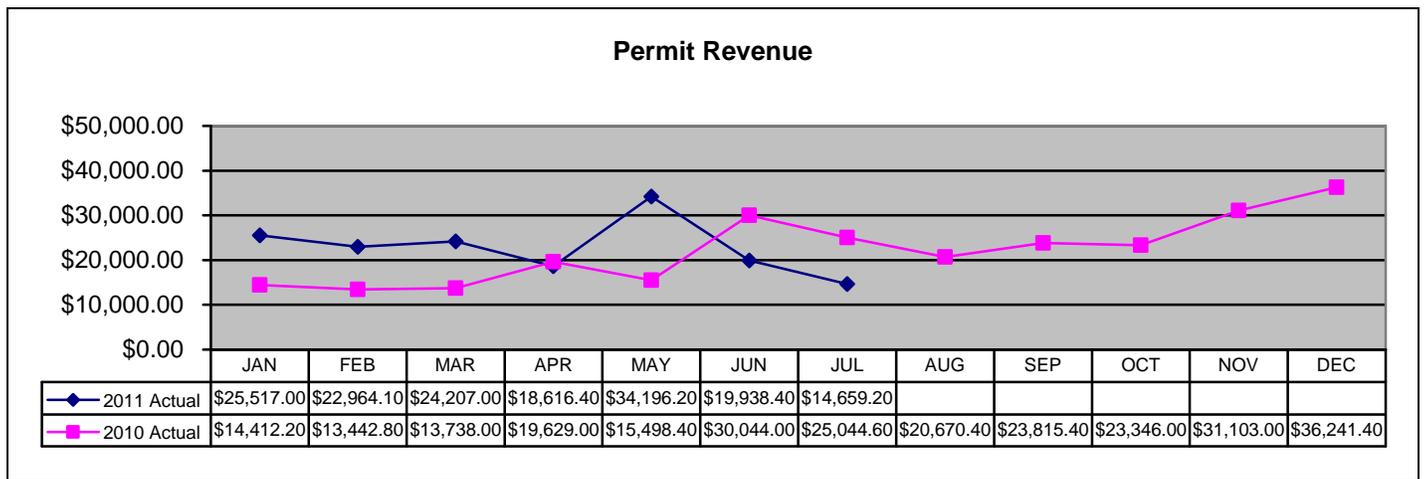
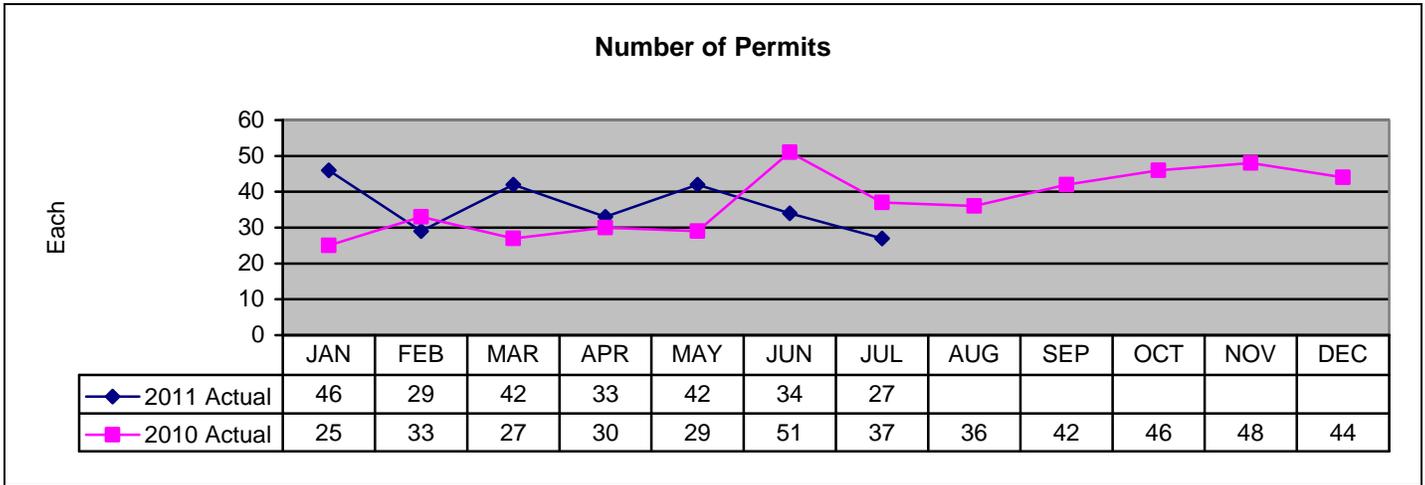
Work Request by District and Top Issues



Compliance Summary

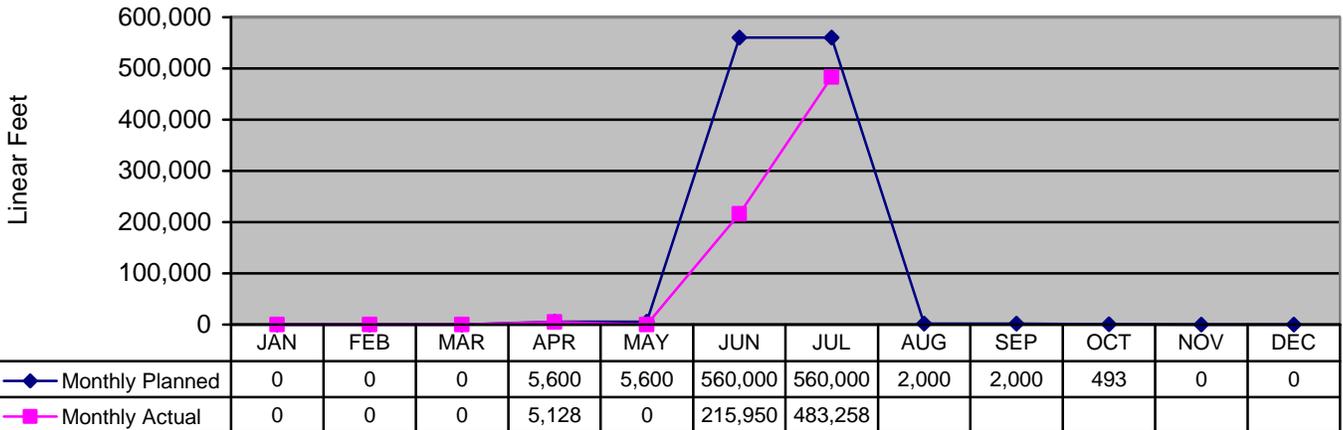
Field and Traffic Services					
Work Request by Priority	Received Total	Compliance Standard	Completed in Compliance	Compliance %	Average Days to Close
1 - Urgent (Completed within 24 Hours)	46	85%	43	93%	.02
2 - Important (Completed within 3 Business Days)	65	85%	61	94%	.87
3 - Standard (Completed within 10 Business Days)	36	85%	34	94%	3.46
4 - Preventative Maintenance (Scheduled Work)	178	N/A	N/A	N/A	N/A
Grand Total	325				
Call Center					
Calls Answered Within 2 Minutes	Total Calls/Web Requests Handled		Compliance Standard	Compliance %	
	1,459		85%	89%	

Annual Comparative Right-Of-Way Permits

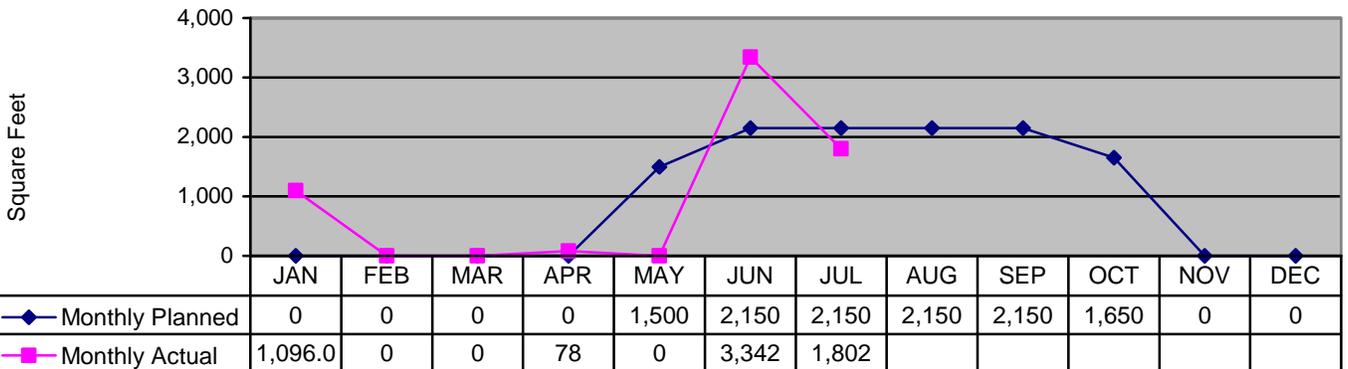


Traffic Maintenance

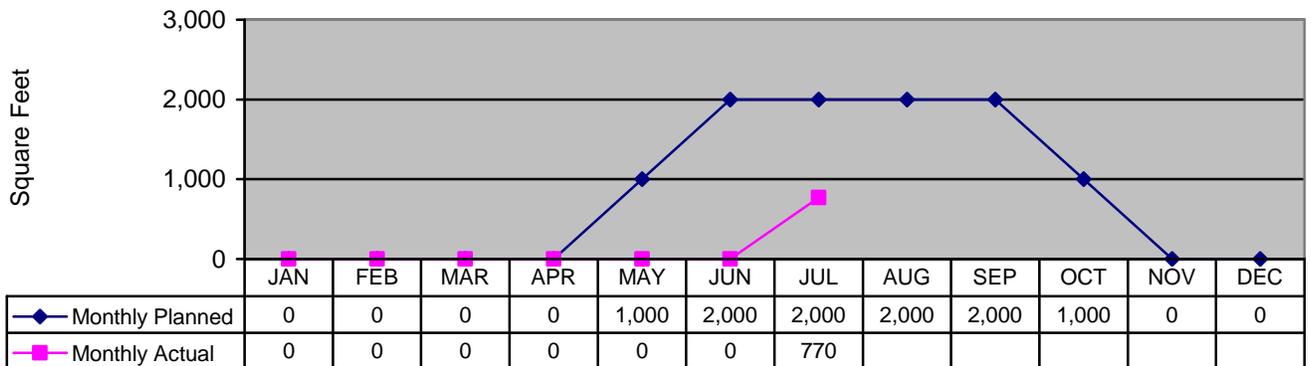
Lane Striping



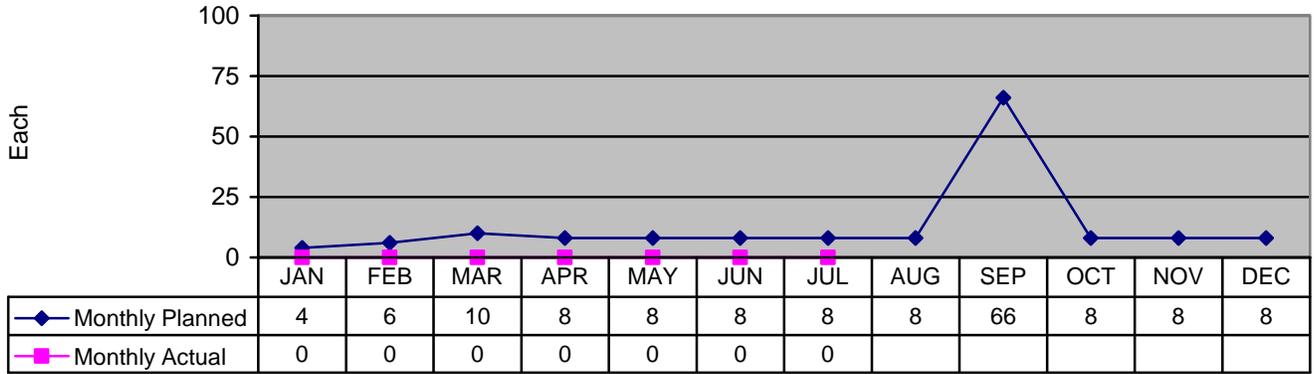
Thermoplastic Crosswalks and Stopbars



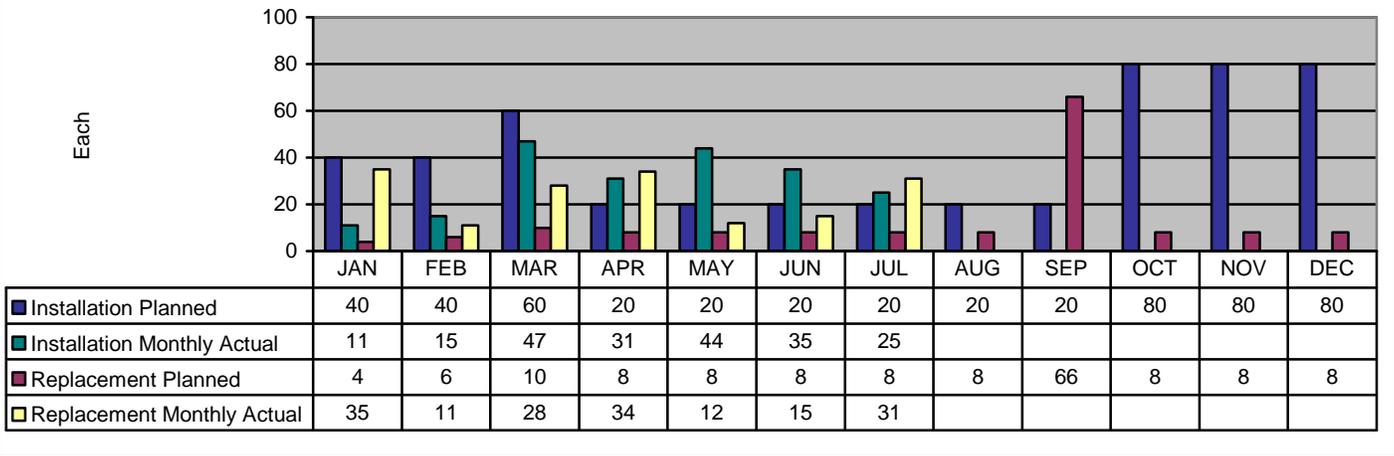
Acrylic Paint Crosswalks and Stopbars



Traffic Counts

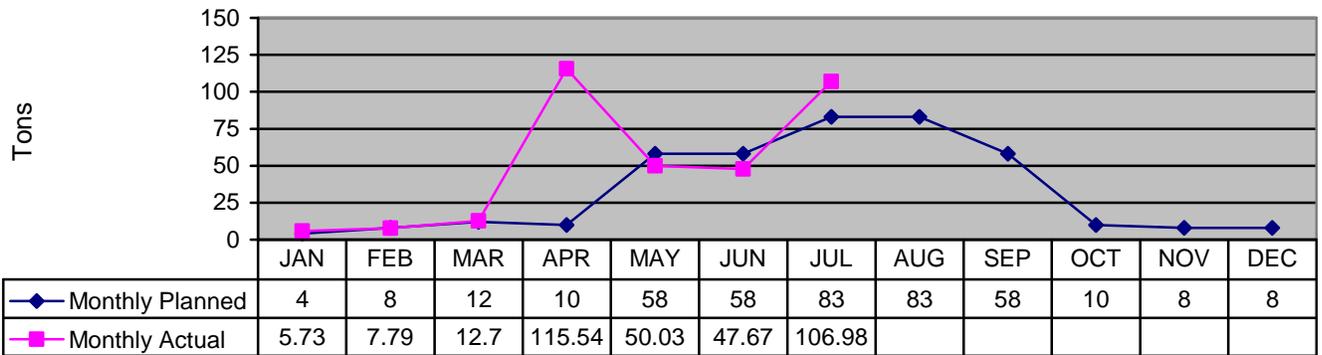


Sign Installation and Replacement

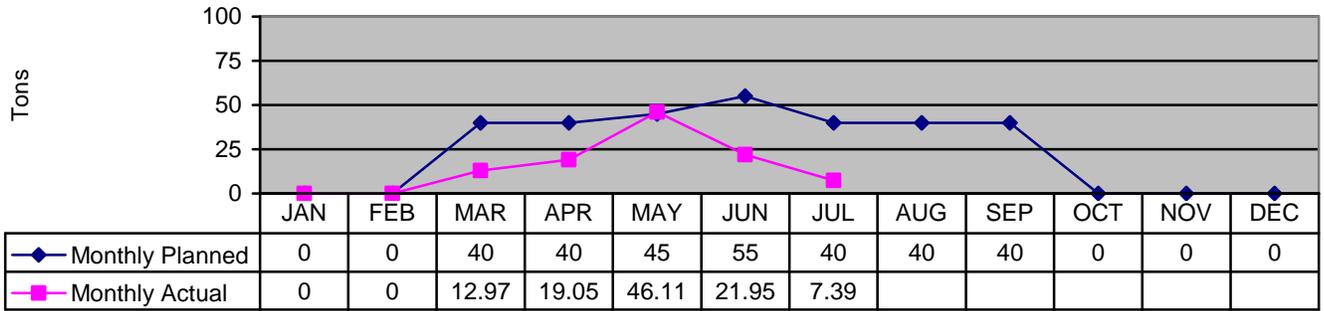


Pavement Maintenance

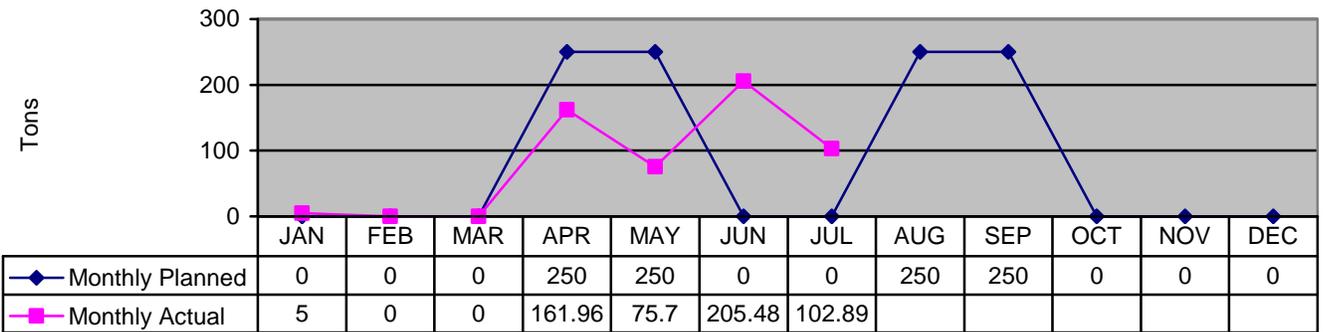
Pothole Patching



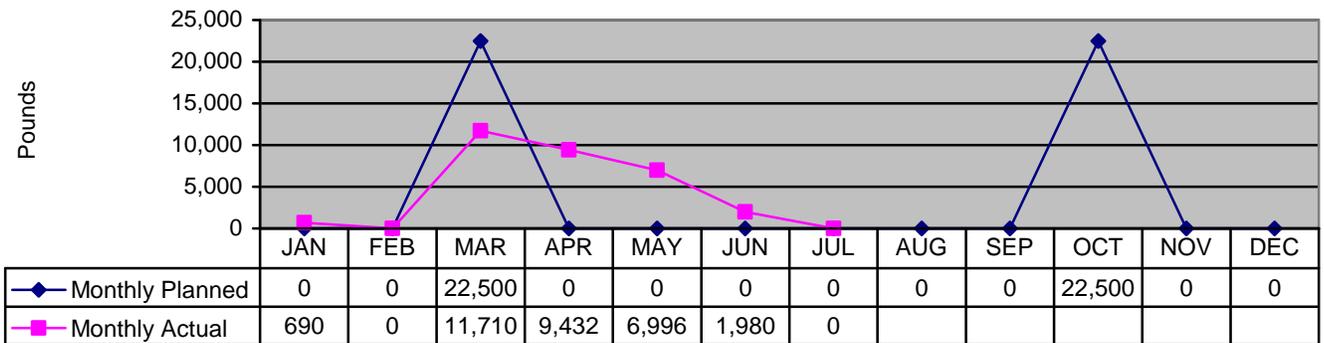
Patch Back



Major Patching

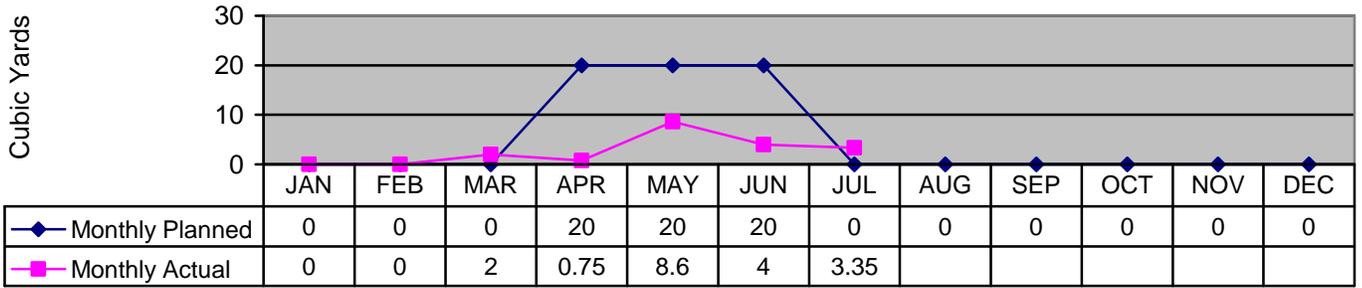


Crack Seal

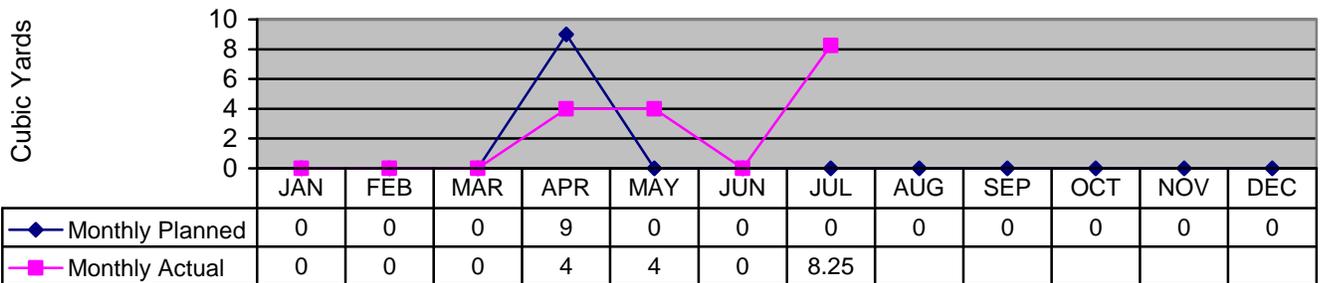


Concrete Replacement

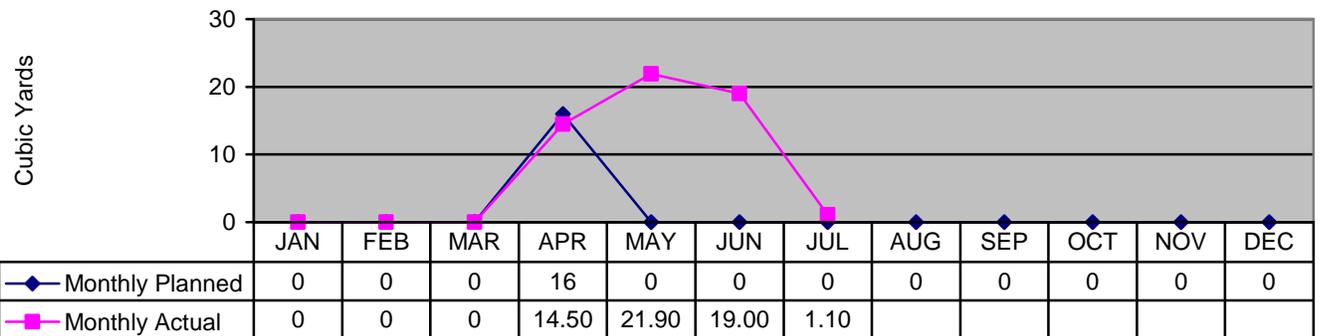
Sidewalk



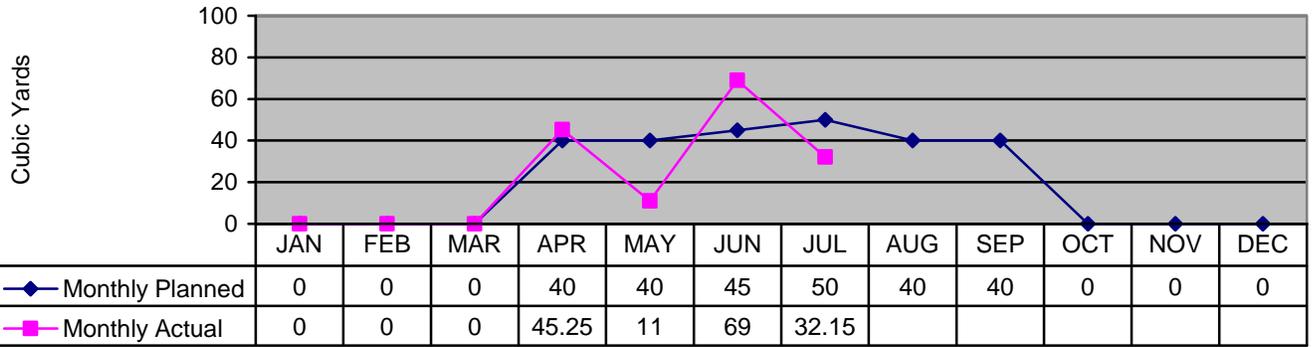
ADA Ramps



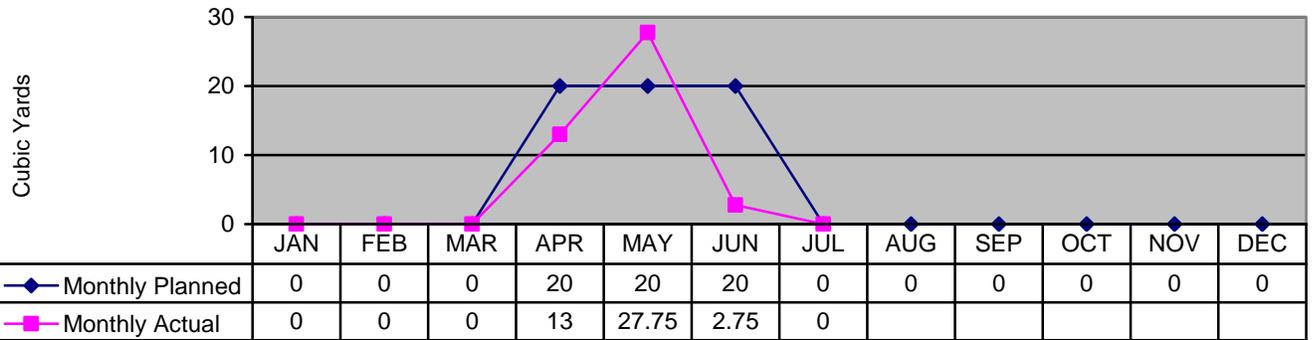
Crosspans and Aprons



Curb, Gutter and Sidewalk Combination

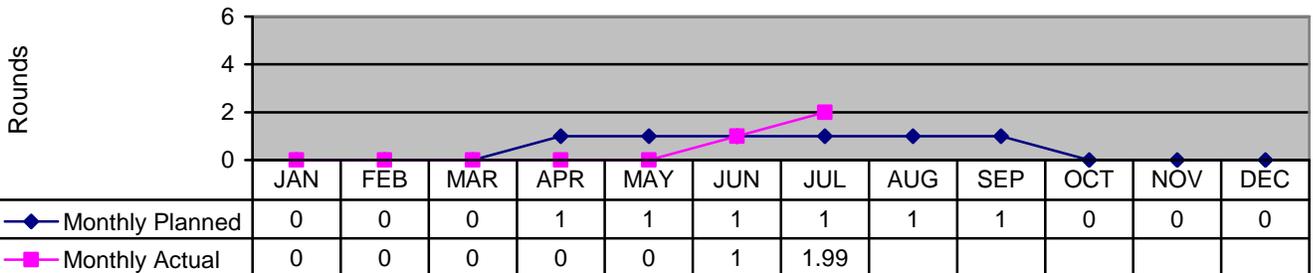


Curb and Gutter

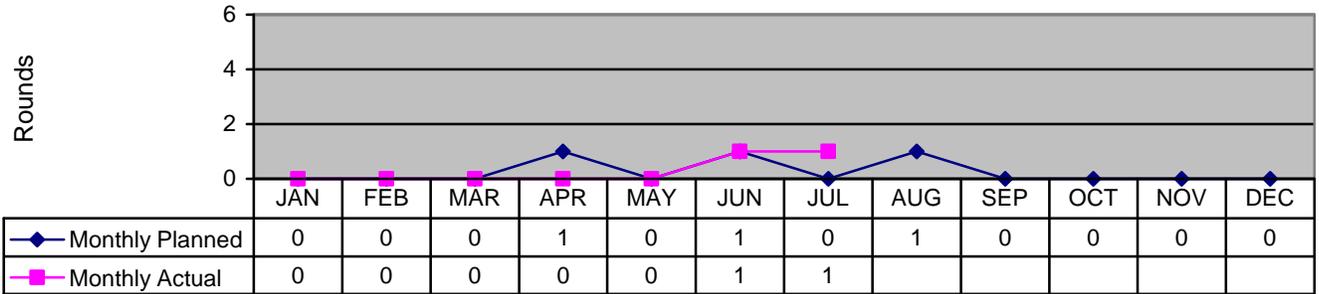


Mowing, Debris and Weed Control

Mowing and Debris Control

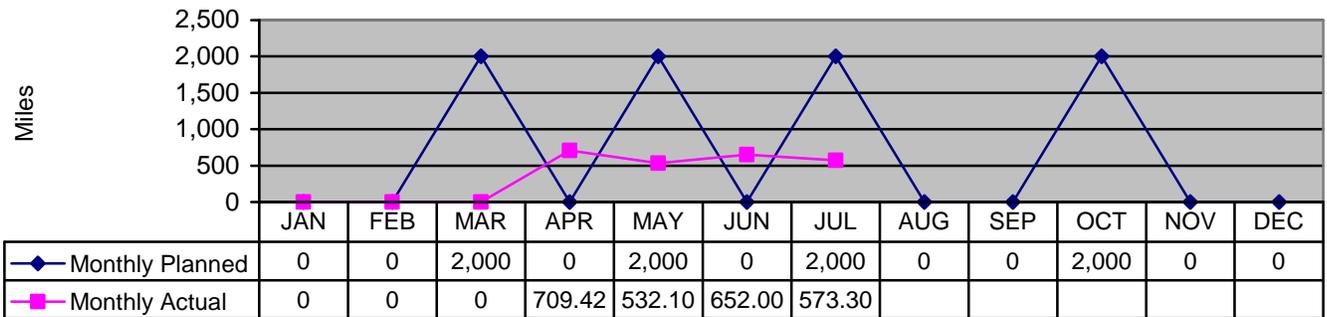


Weed Control - Spraying

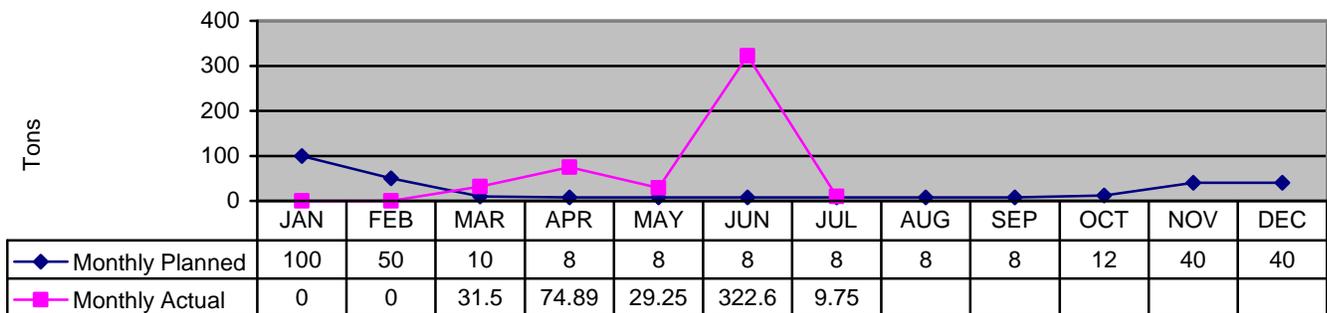


Street Sweeping and Gravel Maintenance

Street Sweeping

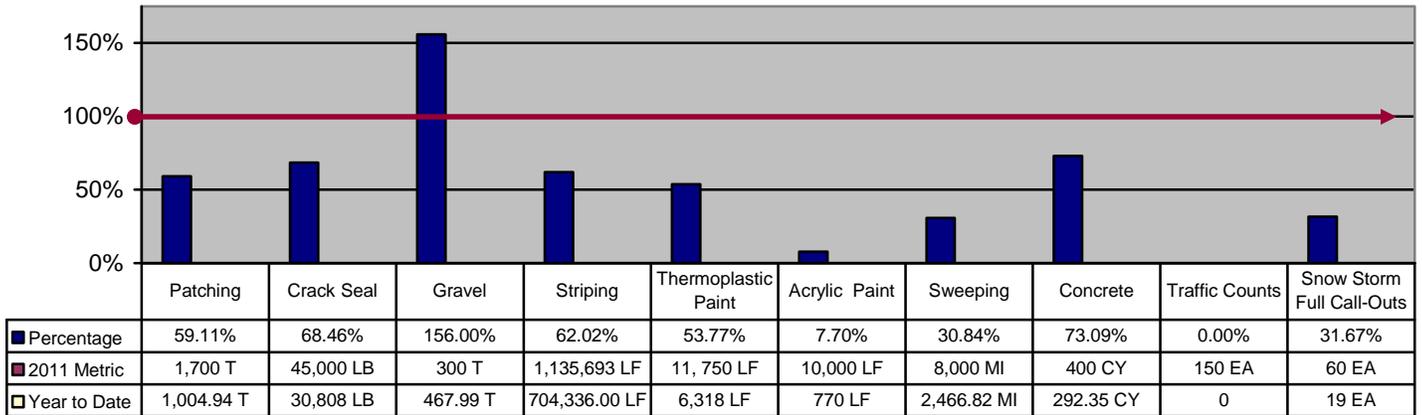


Gravel Maintenance



2011 Performance Measures

Percentage of Metric

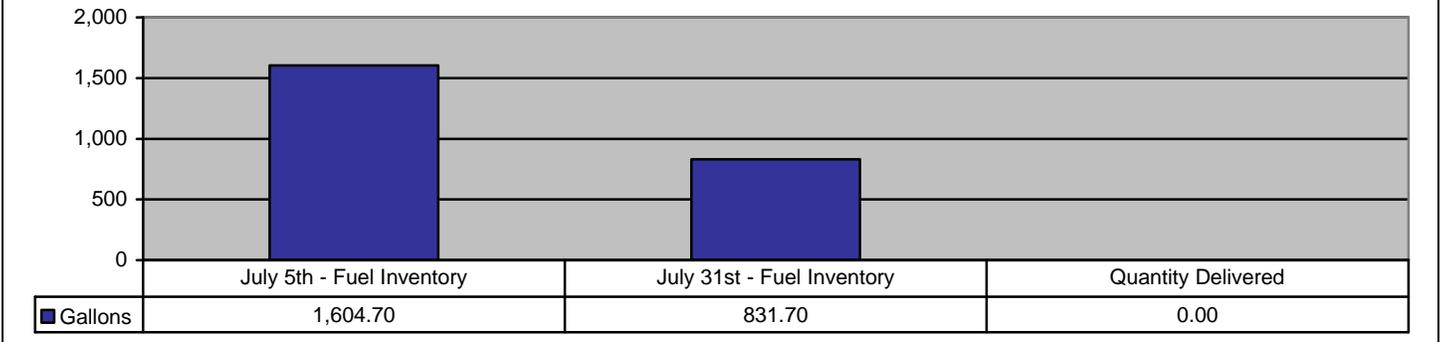


Tons = T Pounds = LB Linear Feet = LF Square Feet = SF Miles = MI Cubic Yards = CY Each - EA

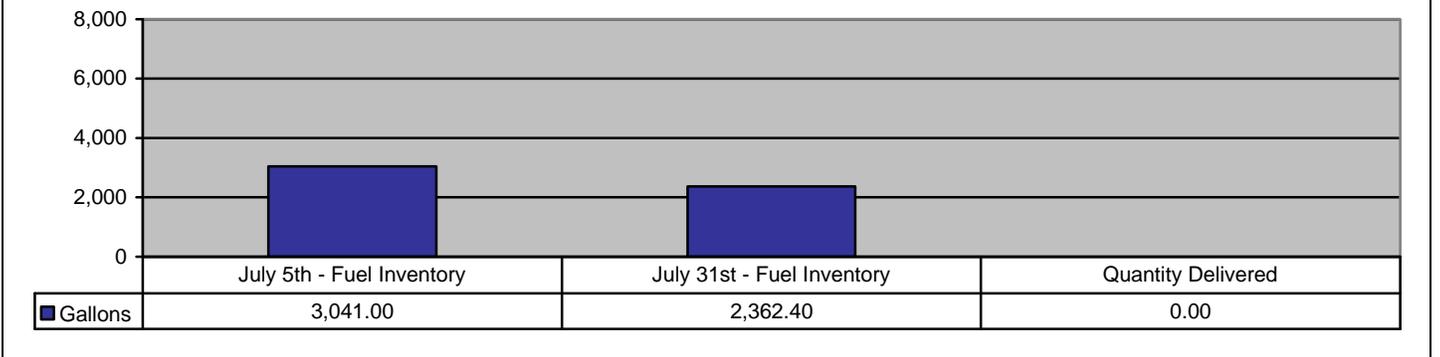
Fuel Inventory

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 July.

Unleaded Fuel



Diesel Fuel



Vehicle Use and Efficiency
Period 7/1/11 to 7/31/11

Vehicle #	Fuel Type	Description	MPG	Miles
2063	DIESEL	1983 IHC 5 yd dump	5.80	109
4766	DIESEL	2004 Ford F-350 4wd Supercab	9.20	598
7802	DIESEL	1998 IHC T/A dump	7.30	240
7850	DIESEL	1997 IHC T/A dump	4.60	190
7919	DIESEL	2000 IHC T/A dump	4.40	442
7920	DIESEL	2000 IHC T/A dump	5.40	456
8847	DIESEL	Navigator Patch Truck	5.90	847
7759	DIESEL	1997 Freightliner Dump	5.60	839
7800	DIESEL	1998 IHC T/A dump	8.70	223
DIESEL Total			3,944	
1597	UNLEADED	1997 ford F-250 4wd	9.20	589
2161	UNLEADED	1999 Ford F-250 4wd Supercab	5.90	572
2165	UNLEADED	1999 Ford F-250 4wd Supercab	11.30	1,392
2189	UNLEADED	1999 Ford F-350 2wd dump body	5.90	279
2396	UNLEADED	2000 Ford F-350 2wd	8.70	1,140
2398	UNLEADED	Ford F-350	4.80	454
2693	UNLEADED	2001 Ford F-350 4wd	14.30	597
3388	UNLEADED	2002 Ford Ranger 4wd ext cab	13.70	855
3396	UNLEADED	2002 Ford F-250 4wd	2.40	329
5993	UNLEADED	Ford F-150	13.10	508
5994	UNLEADED	Ford F-150	14.40	1,477
5995	UNLEADED	Ford F-150	12.00	1,585
5996	UNLEADED	Ford F-150	11.80	833
9032	UNLEADED	Ford F-150	16.70	1,551
898	UNLEADED	Ford F-150	8.60	507
UNLEADED Total			12,668	
Grand Total			16,612	

Snow Material Inventory Period 7/1/11 to 7/31/11

	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	\$ 2,766.00	\$ -	\$ 2,766.00
Asphalt/Coldmix Material	\$ 90,000.00	\$ 90,000.00	\$ 59,507.56	\$ (1,998.00)	\$ 57,509.56
Large Deceased Animal Pick-Up (Animal & Pest Control)	\$ 3,000.00	\$ 3,000.00	\$ 2,300.00	\$ (350.00)	\$ 1,950.00
Fuel	\$ 137,000.00	\$ 137,000.00	\$ 54,873.31	\$ -	\$ 54,873.31
Mosquito Control	\$ 34,460.00	\$ 34,460.00	\$ 17,230.01	\$ (5,743.33)	\$ 11,486.68
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	\$ 116,287.25	\$ (30,293.31)	\$ 85,993.94