



City of Centennial
Public Works Department
Operations and Traffic Engineering
Monthly Report - July 2010

ACTIVITY

- [Call Center](#) – The total number of calls to 303.325.8000 and web requests received were 1,736.
- [Work Requests](#) – The total number of work requests received were 1,963.
- [Compliance Summary](#) – Field and Traffic Services work requests were completed 100% in compliance, and the Call Center compliance metric was 94%.
- [Right-Of-Way Permits](#) – There were 37 permits issued in July.
- [Traffic Maintenance](#) – A total of 8 signs were installed and 22 were replaced for the month.
- [Pavement Maintenance](#) – Approximately 50 tons of pothole patching was completed.
- [Concrete Replacement](#) – The concrete crew poured 33 cubic yards of concrete for curbs, gutters and sidewalks.
- [Mowing, Debris, and Weed Control](#) – Mowing and spraying activities continued in July.
- [Street Sweeping and Shoulder Maintenance](#) – The second street sweeping pass continued in July.
- [Fuel Inventory](#) – Unleaded Fuel Usage and Diesel Fuel Usage
- [Snow Material Inventory](#) – 1,000 tons of salt has been ordered to prepare for the winter season.
- [City Material Budgets](#)

REVENUE

The July right-of-way permit revenue, excluding pavement restoration fees, was \$25,044.60.

PUBLIC WORKS MAJOR ACTIVITIES

Denver Regional Council of Governments (DRCOG) Grant Award – Traffic Engineering Services (TES) submitted a grant request to DRCOG for nearly \$1.7 million for improvements to the City's traffic signal communication system. We were recently notified by DRCOG that the City will receive \$1.3 million over the next 3 years to construct these improvements. This is 100% federal funding, which requires no local match, except for construction administration. Work may begin as early as the end of this year, depending on the timing of the Inter-Governmental Agreement (IGA) approval with the Colorado Department of Transportation. Perhaps most noteworthy is Centennial's request captured nearly 76% of the amount we requested and over 10% of the funds available to the 56 agencies in the DRCOG region.

Neighborhood Traffic Management Program (NTMP) – TES released the 2010 NTMP Prioritization and held meetings with the neighborhoods with the highest-qualified NTMP applications.

TES is preparing concept drawings for alternatives to improve roadway safety on Arapahoe Road from Chaparral Circle to Himalaya Way, which could potentially be funded in 2010 with additional appropriations from the General Fund.

The 2010 crosswalk program continues and includes improving all neighborhood crosswalks by applying a fresh coat of paint to the crosswalk bars. The 2010 pavement striping program began on July 7th, and includes applying a fresh coat of paint to all yellow and white lane markings on all arterial and most major collector streets. Careful coordination will ensure no streets scheduled for resurfacing will receive the re-striping until after the work is completed.

TES opened bids for the Energy Efficiency and Conservation Block Grant (EECBG) to convert our signals to 100% LED's. Installation of the LEDs is scheduled to begin in early September. After the project is completed, all traffic signals in the City will be using the new LED indications, which are energy efficient, brighter and much more reliable than the incandescent bulbs currently in use.

The annual striping of all arterial and major collector streets in the City started in July. Work is being completed after the evening rush hour to minimize smearing or tracking of the fresh paint. All work is scheduled to be completed by the end of July.

A LOOK AHEAD

- Complete the bid process for the Dry Creek Road Signal Communications Equipment project.
- Complete the bid documents for the Energy Efficiency Conservation Block Grant Solar School Beacons project.
- Coordinate the installation of four school beacons at Thunder Ridge Middle School.
- Complete the field inventory of all City street lights.
- Initiate discussions with the neighborhood(s) selected to receive 2010 Neighborhood Traffic Management Program (NTMP) funds.
- Develop new policy and ordinance for restricting trucks on neighborhood streets under the NTMP.

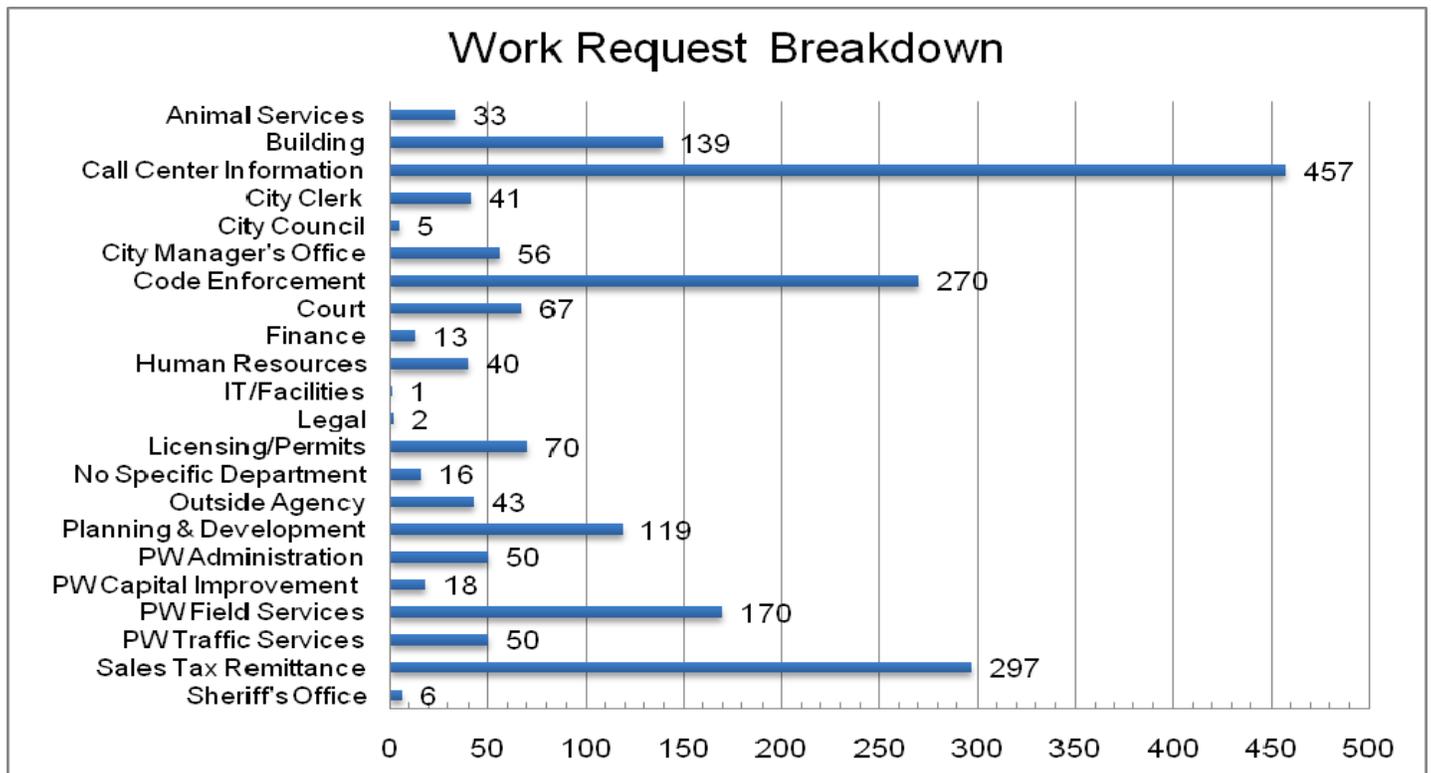
Call Center

In July, the number of phone calls received by the City's 24-Hour Call Center, 303.325.8000, was 1,736 which includes 75 web requests. In total, 59 calls were routed to the answering service during and after business hours. Overall, for the month of July, the Call Center had a 94% compliance metric of answering phone calls within 120 seconds.

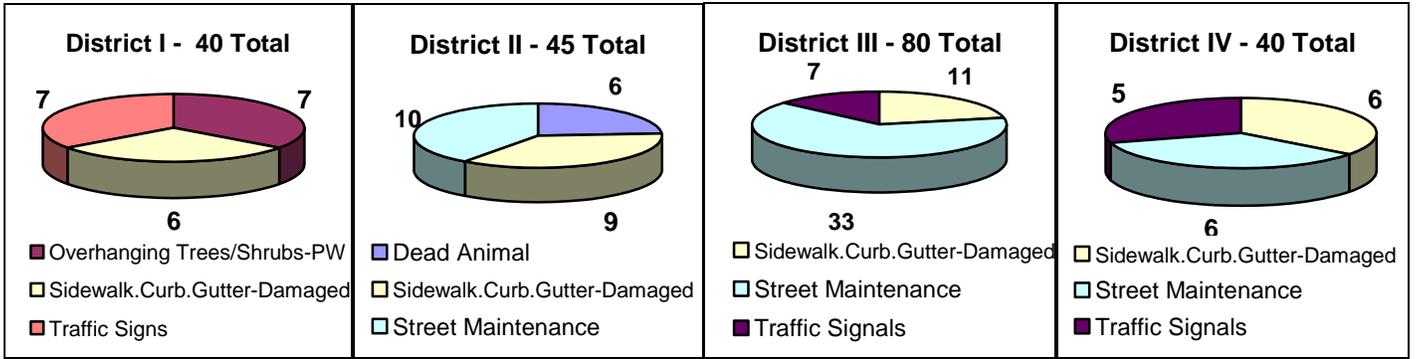
| July 2010 | Week 1 | Week 2 | Week 3 | Week 4 | MTD |
|--|----------|------------|------------|------------|-------|
| | July 1-9 | July 10-16 | July 17-23 | July 24-31 | Total |
| Web Requests | 12 | 25 | 19 | 19 | 75 |
| Total Calls Handled by the Call Center | 478 | 432 | 386 | 365 | 1,661 |
| Total Metric for Call Center | 490 | 457 | 405 | 384 | 1,736 |
| Total Calls Rolled Over to Answering Service During Business Hours | 5 | 1 | 1 | 1 | 8 |
| Total Calls Rolled over to Answering Service After Hours | 21 | 9 | 10 | 11 | 51 |

Work Request Breakdown

The work requests received by the City for the month of July were 1,963.



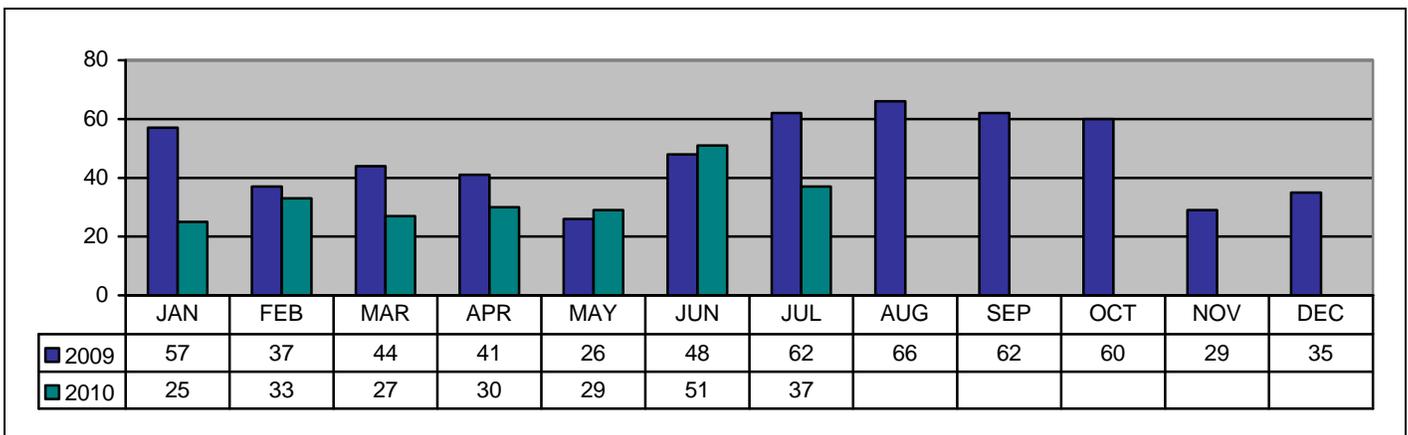
Work Request by District and Top Three Issues



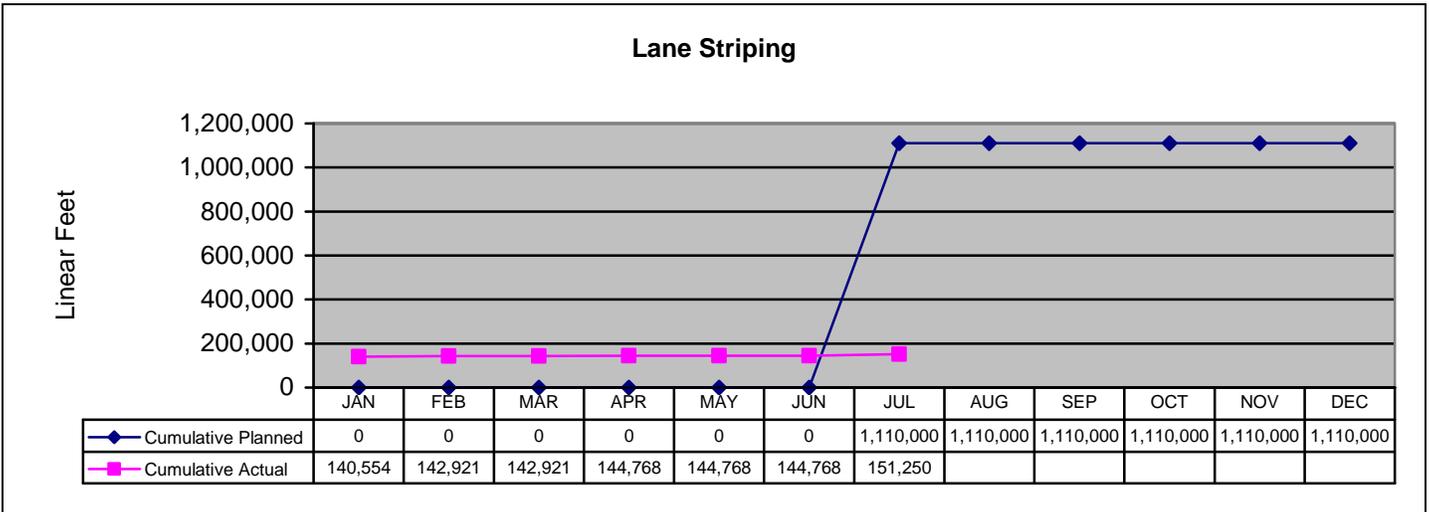
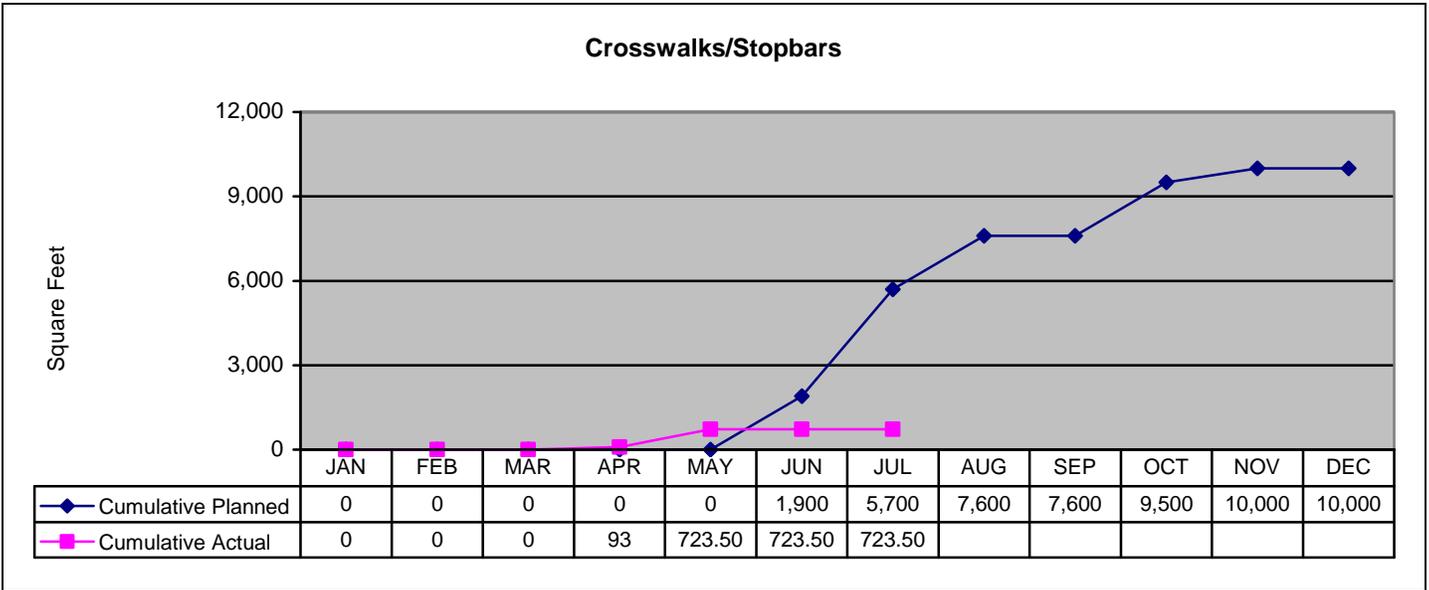
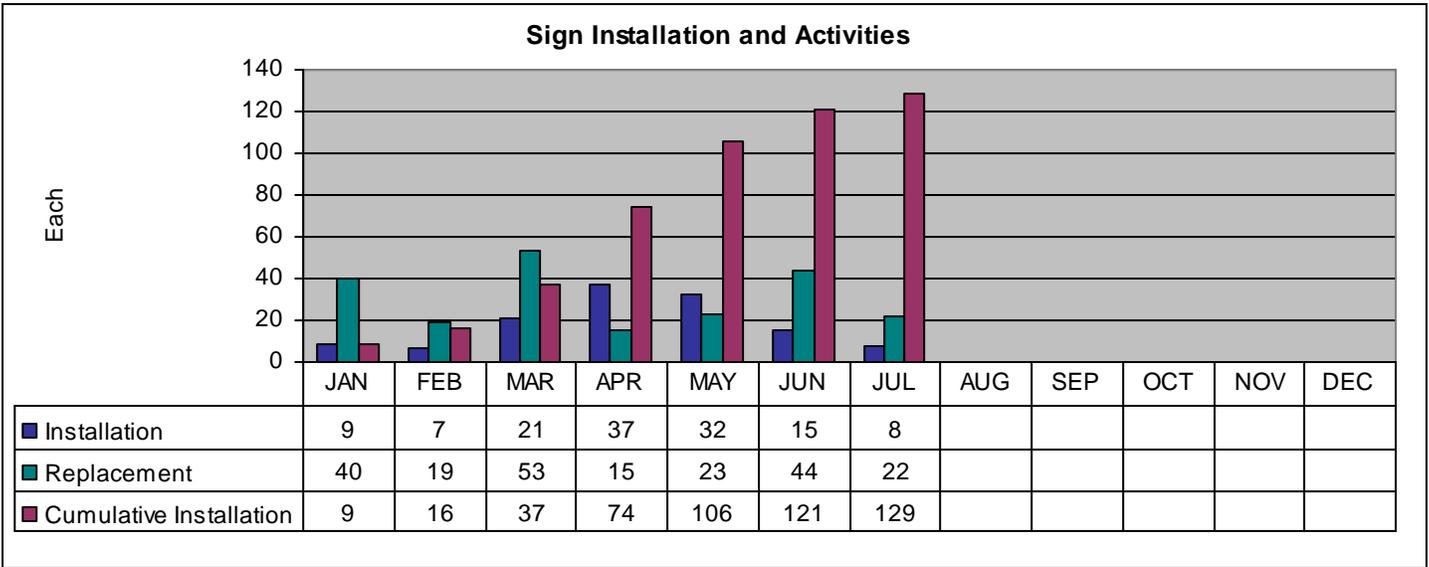
Compliance Summary

| 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) | 23 | 85% | 23 | 100% | .04 |
| 2 - Important (Completed within 3 Business Days) | 29 | 85% | 29 | 100% | 1.20 |
| 3 - Standard (Completed within 10 Business Days) | 9 | 85% | 9 | 100% | 3.89 |
| 4 - Preventative Maintenance (Scheduled Work) | 157 | N/A | N/A | N/A | N/A |
| Grand Total | 218 | | | | |
| Call Center | | | | | |
| Calls Answered Within 2 Minutes | Total Calls/Web Requests Handled | | Compliance Standard | | Compliance % |
| | 1,736 | | 85% | | 94% |

Annual Comparative Right-Of-Way Permits



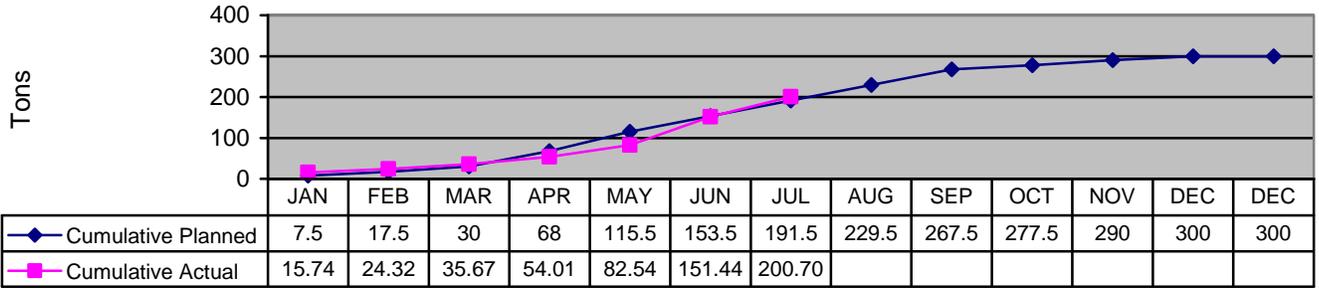
Traffic Maintenance



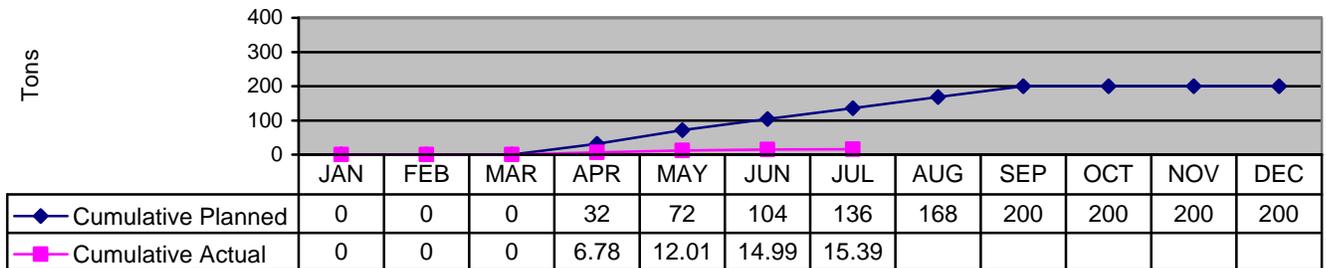
*The January striping quantity was reduced to 140,554 feet after inspection and finding of premature degradation due to deicer.

Pavement Maintenance

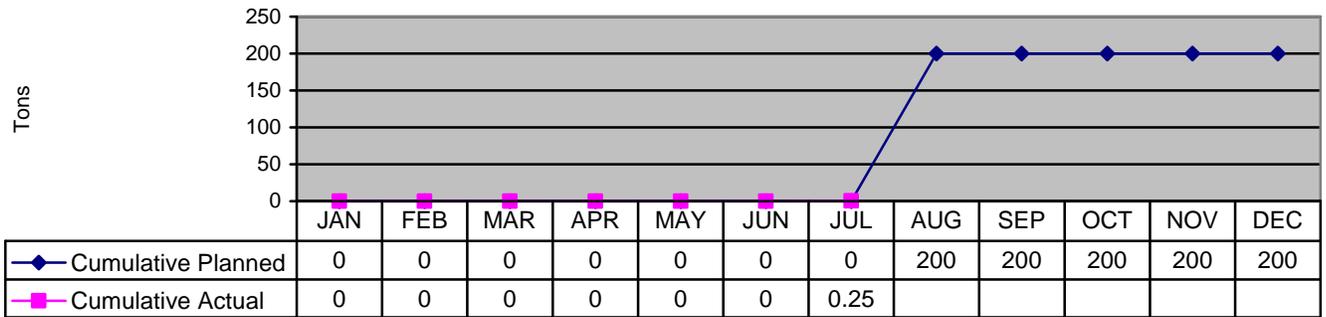
Pothole Patching



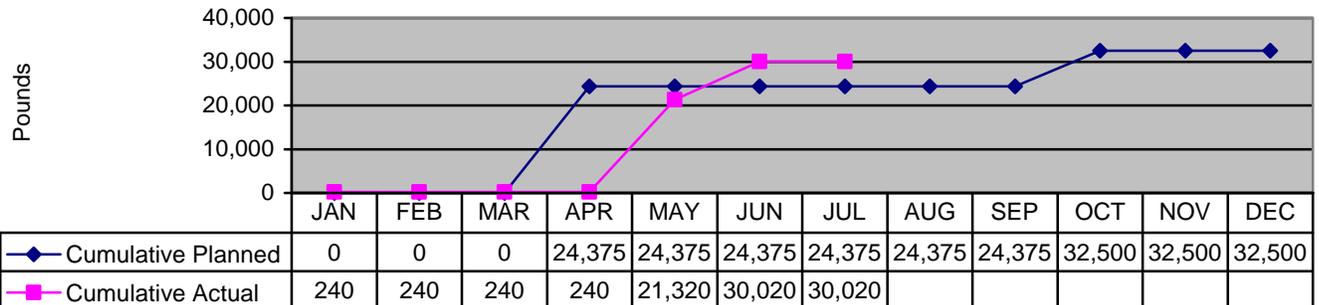
Patch Back



Major Patching

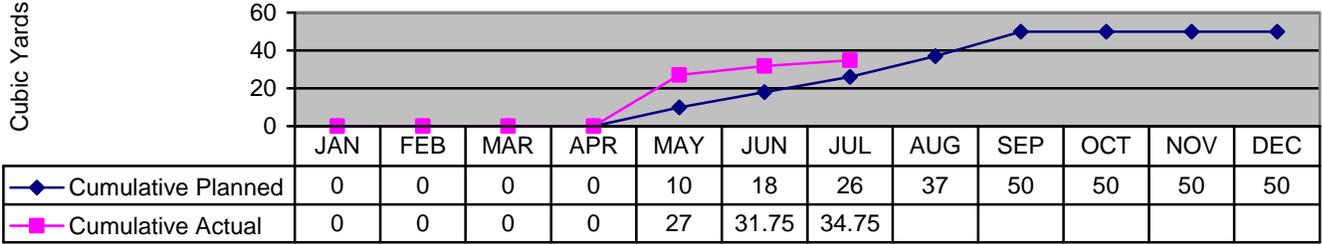


Crack Seal

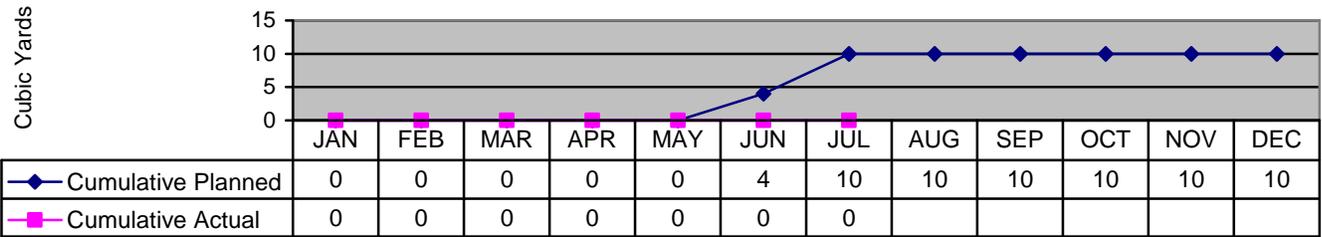


Concrete Replacement

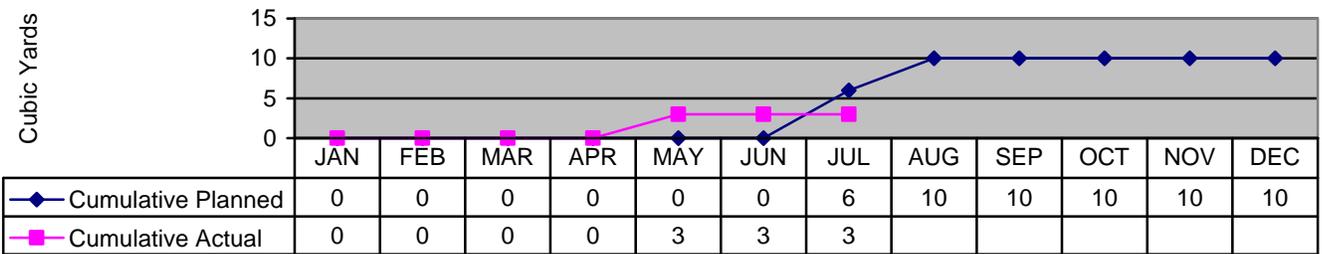
Sidewalk



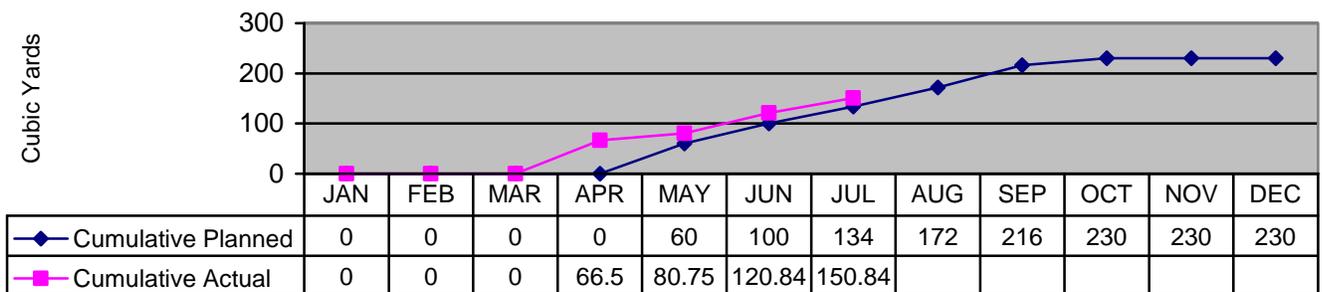
ADA Ramps



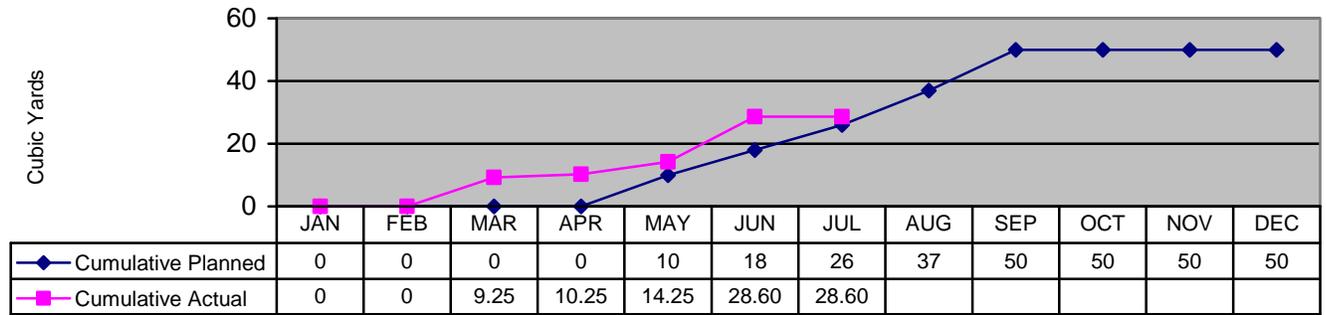
Crosspans and Aprons



Curb, Gutter and Sidewalk Combination

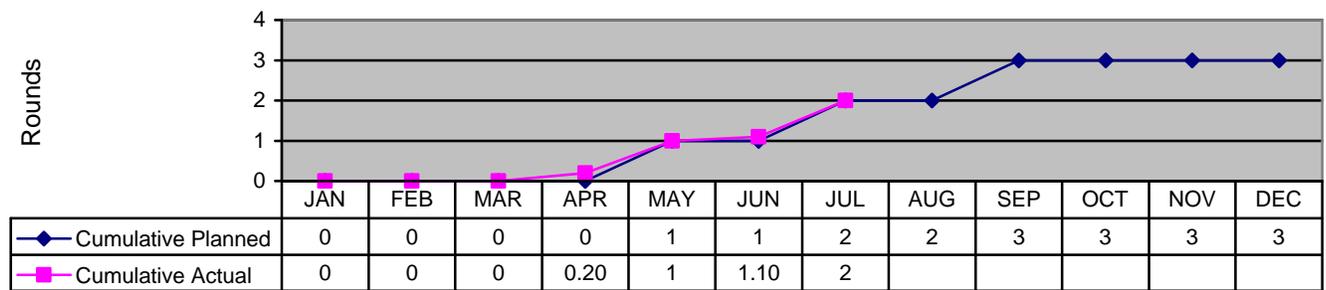


Curb and Gutter

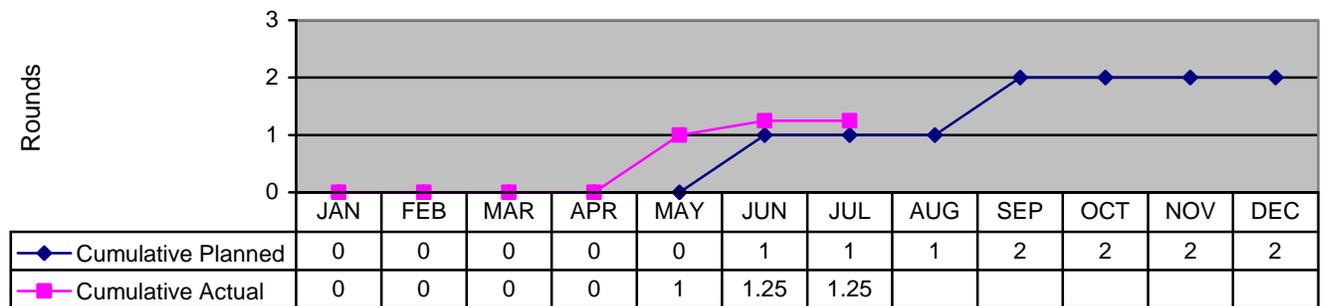


Mowing, Debris and Weed Control

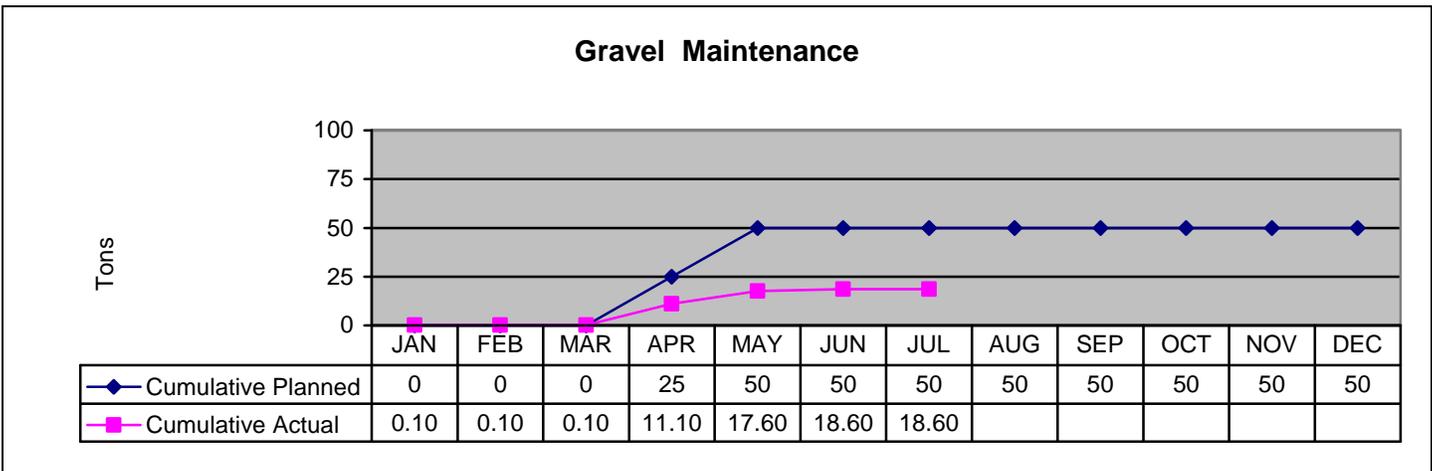
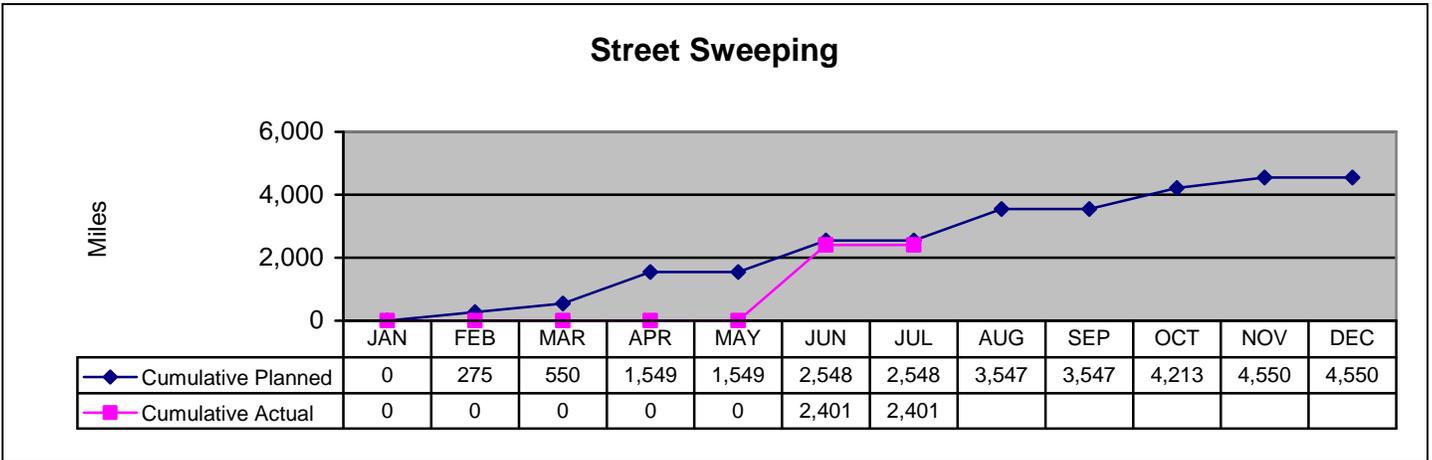
Mowing and Debris Control



Weed Control - Spraying

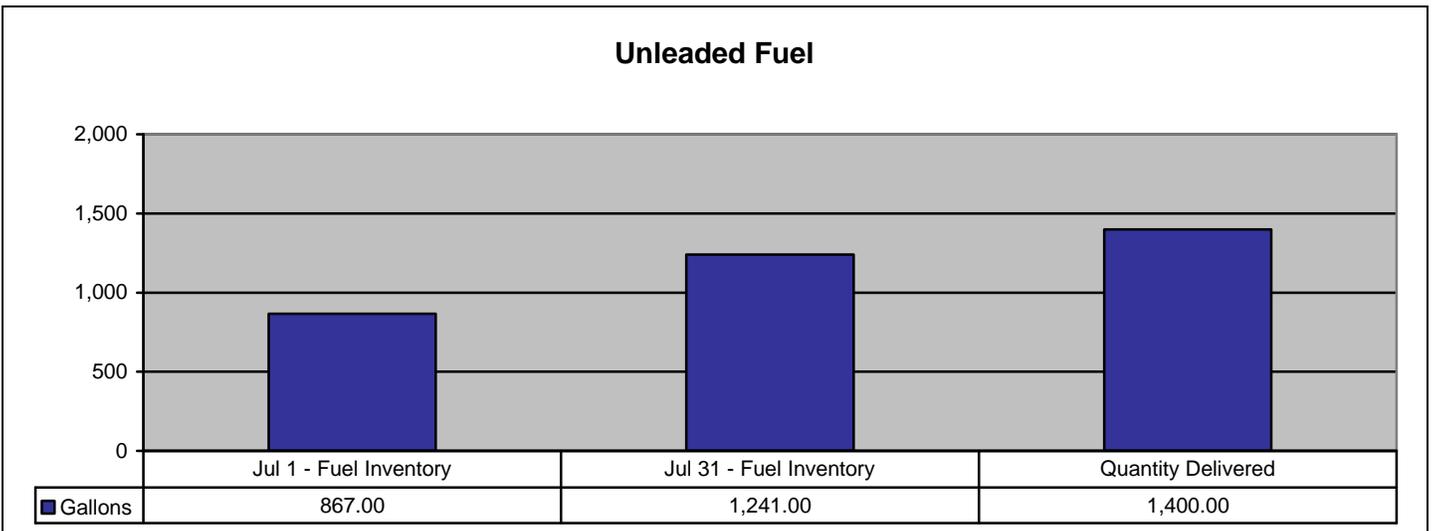


Street Sweeping and Gravel Maintenance

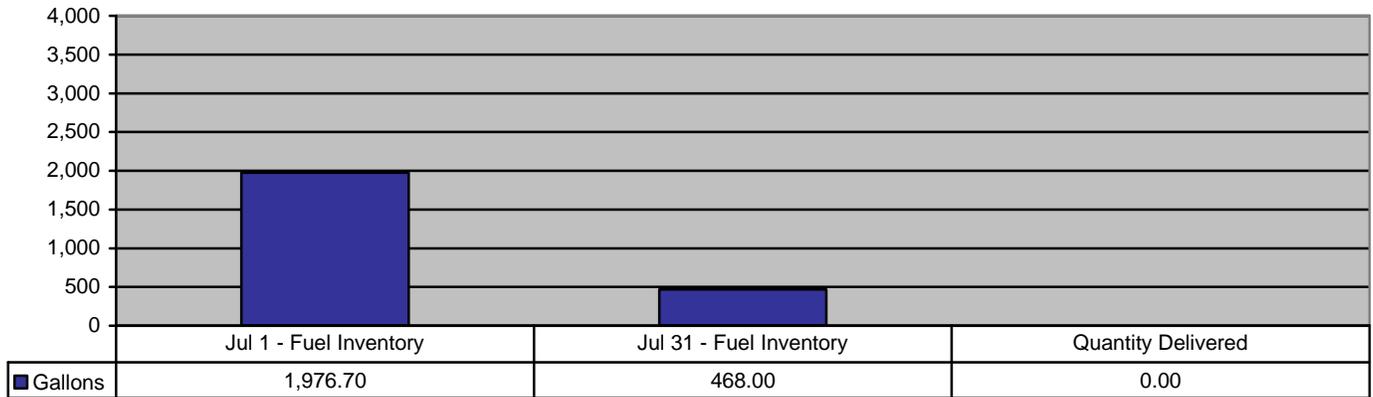


Fuel Inventory

Fuel volume will change approximately .5% for every 10 degrees Fahrenheit change in fuel temperature. As of July 15, 2010, no fuel orders are pending for delivery.



Diesel Fuel



Snow Material Inventory

A quantity of 1,000 tons of salt has been ordered. It will be delivered after September 6, 2010, in preparation for the winter season.

| Solid Deicer | Quantity On-Hand | Units |
|------------------------|------------------|-------|
| Ice Slicer | 849.55 | Tons |
| Rock Salt | 351.58 | Tons |
| Salt/Ice Slicer Mix | 13.68 | Tons |
| Total Inventory | 1,214.81 | |

| | | |
|-----------|--------|------|
| Anti Skid | 308.72 | Tons |
|-----------|--------|------|

City Material 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.

| | Budget | Previous Balance | Invoice Amount Received This Month | Remaining Balance |
|----------------------------|---------------|------------------|------------------------------------|-------------------|
| Animal Cremation Services | \$ 7,000.00 | \$ 6,892.00 | \$ 72.00 | \$ 6,802.00 |
| Asphalt | \$ 41,700.00 | \$ 29,358.15 | \$ 3,006.66 | \$ 26,351.49 |
| Fuel | \$ 137,000.00 | \$ 91,038.76 | \$ 3,599.68 | \$ 87,439.08 |
| Mosquito Control | \$ 37,960.60 | \$ 20,730.61 | \$ 5,743.33 | \$ 14,987.28 |
| Snow Materials | \$ 287,500.00 | \$ 102,831.82 | \$ - | \$ 102,831.82 |
| Traffic Signal Maintenance | \$ 165,375.00 | \$ 98,119.70 | \$ - | \$ 98,119.70 |

The invoice amount for Asphalt last month was 3,173.98 not \$3,171.96 as indicated in the previous report.