



Public Works Department
Operations and Traffic Engineering
Monthly Report –October 2014

ACTIVITY

- [Citizen Response Center](#) – The total number of calls to 303.325.8000 and web requests received were 1,805.
- [Requests by Department](#) – The total number of work requests received were 1,873.
- [Compliance Summary](#) – Field and Traffic Services work requests were completed with 98%-100% compliance.
- [Right-Of-Way Permits](#) – There were 53 permits issued in October.
- [Traffic Maintenance](#) – 198 blue street name signs were installed.
- [Pavement Maintenance](#) – 10 tons of asphalt was used for pothole patching.
- [Concrete Replacement](#) – None to report.
- [Street Sweeping and Gravel Maintenance](#) – 2,764 curb miles were swept for the month.
- [Mowing and Weed Control](#) – No activity to report.
- [Snow Removal Activities](#) - No activity to report.
- [2014 Performance Measures](#) – Field Services and Traffic Engineering Services Activities.
- [Fuel Inventory](#) – One delivery was received for the month; 1,500 gallons, unleaded.
- [Snow Material Inventory](#) – No deliveries to report.
- [City Budgets](#)

REVENUE

The October right-of-way permit revenue, excluding pavement restoration fees, was \$27,347.

PUBLIC WORKS MAJOR ACTIVITIES

- Preparation of Liberty Hills Neighborhood Traffic Management Program (NTMP) traffic calming concepts
- 2014 Crosswalk maintenance
- 2014 Sign inventory program installation
- Substantial completion of Potomac and Briarwood traffic signal
- Kick-off meeting for Non-destructive testing of traffic signal poles
- Addition of Dry Creek Inverness Boulevard, west and east signals from annexation

A LOOK AHEAD

- Kick off of Intelligent Transportation System (ITS) Plan Update
- Submittal of Funding Advancement for Surface Transportation & Economic Recovery (FASTER) grant application for Revere and Arapahoe Road deceleration lane
- Submittal of Transportation Alternative Program (TAP) grant application for Arapahoe Road sidewalk from Peoria Street to Jordan Road
- Schedule second neighborhood meeting for Liberty Hills NTMP
- Non-destructive testing of signal poles
- Signal additions to Centracs
- Annual Crash study

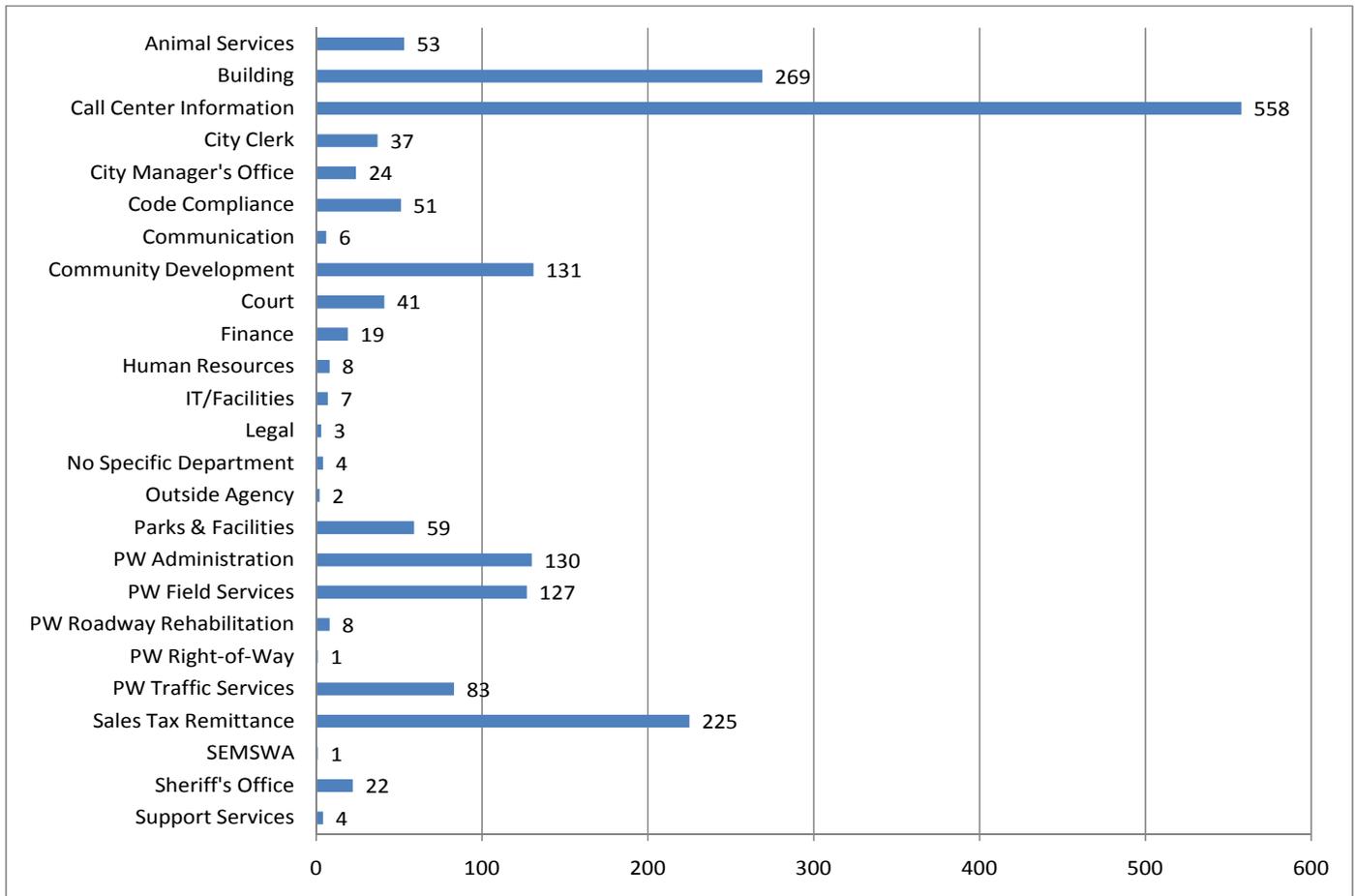
Citizen Response Center

In October, the number of phone calls and web requests received by the City's 24-Hour Citizen Response Center, 303.325.8000, was 1,805; 67 were web requests. Only 88 calls were routed to the answering service during business hours and a total of 134 calls were received after business hours. Overall, for the month of October, the Citizen Response Center had a 97% compliance metric of answering phone calls within 120 seconds and a 94% metric of responding to or acknowledging non-emergency citizen requests within a 24-hour period.

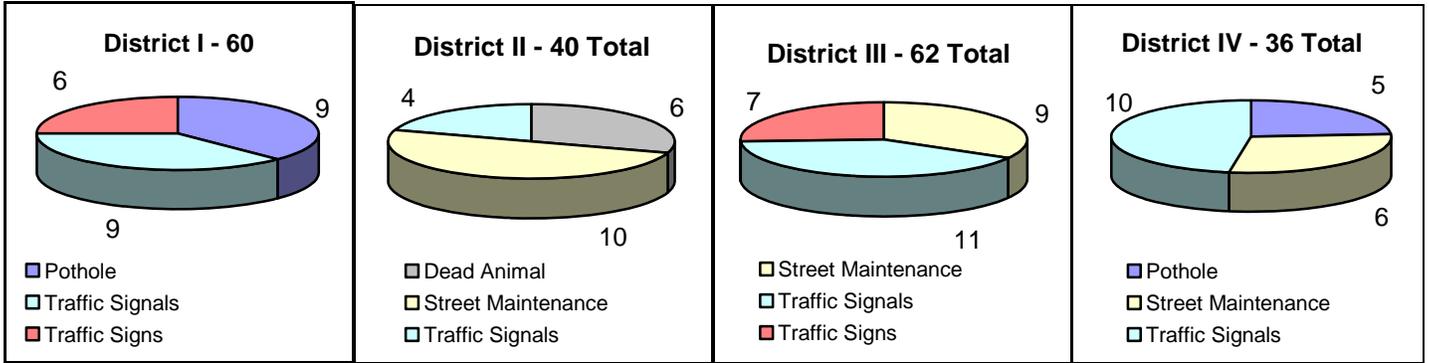
| October 2014 | Week 1 | Week 2 | Week 3 | Week 4 | MTD |
|---|----------|-----------|-----------|-----------|-------|
| | Oct 1-10 | Oct 11-17 | Oct 18-24 | Oct 25-31 | |
| Web Requests | 22 | 19 | 12 | 14 | 67 |
| Total Calls Handled by the Citizen Response Center | 552 | 330 | 433 | 423 | 1,738 |
| Total Metric for the Citizen Response Center | 574 | 349 | 445 | 437 | 1,805 |
| Total Calls Rolled Over to Answering Service <i>During</i> Business Hours | 36 | 15 | 12 | 25 | 88 |
| Total Calls Rolled over to Answering Service <i>After</i> Business Hours | 42 | 30 | 38 | 24 | 134 |

Requests Received by Department

The work requests received by the City for the month of October were 1,873.



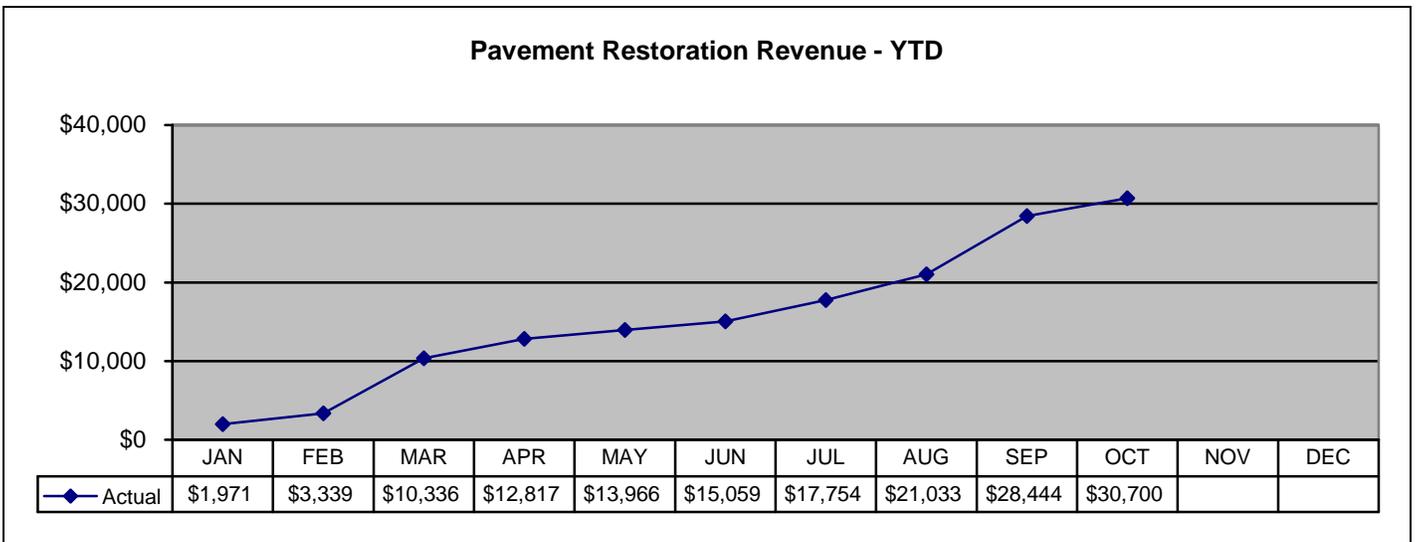
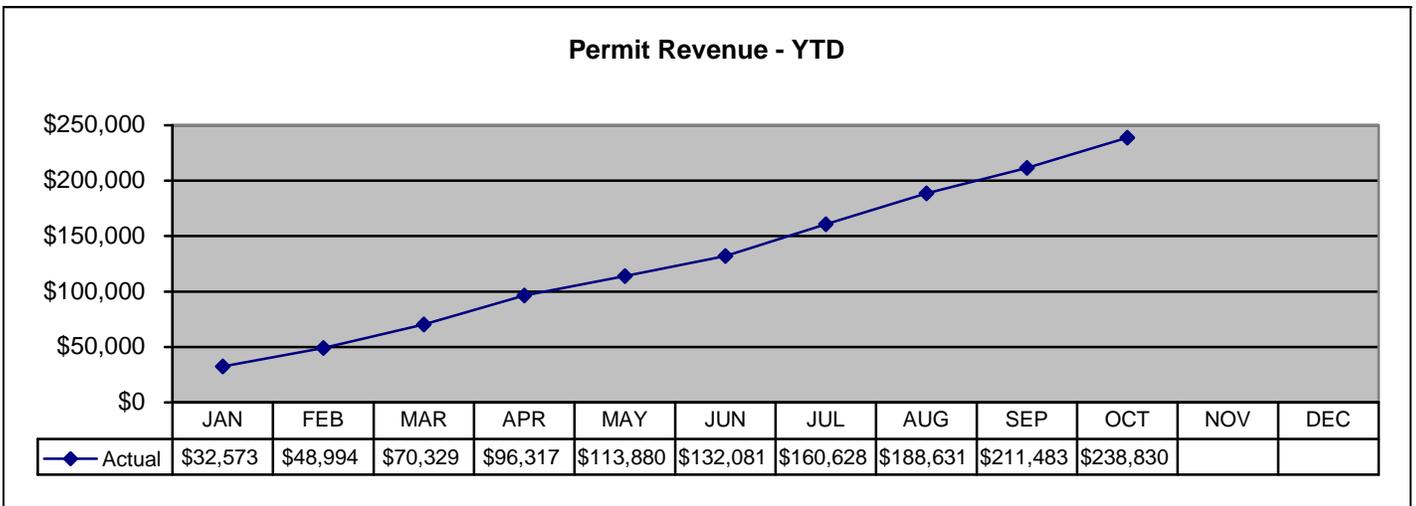
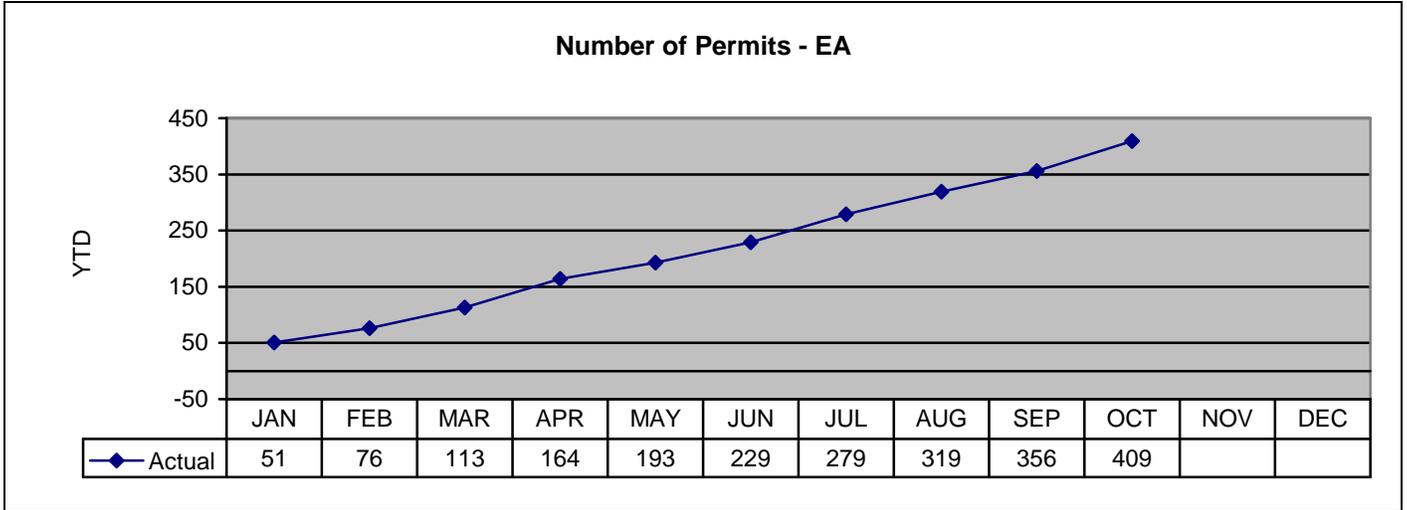
Top 3 Work Request Issues by District



Work Request Compliance Summary

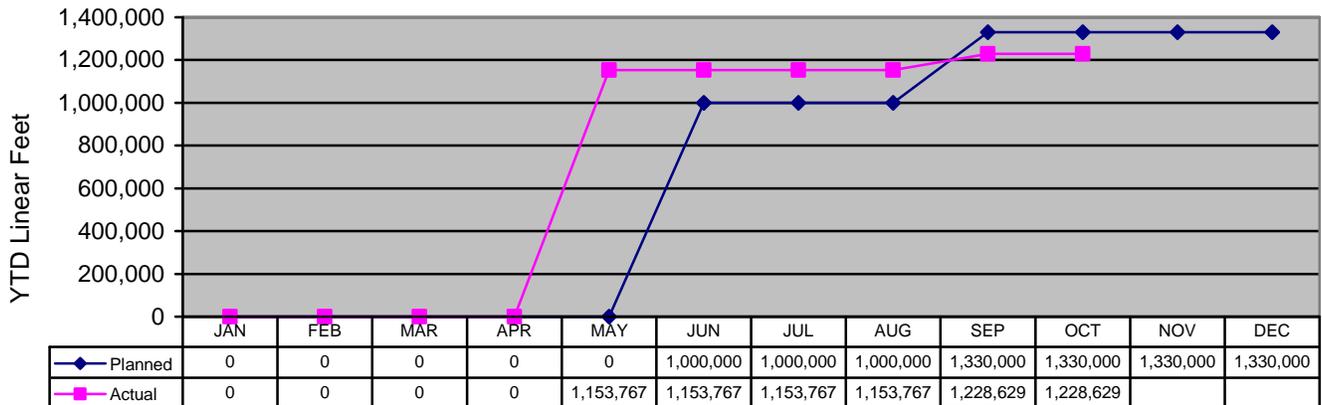
| Field and Traffic Services | | | | | |
|---|-----------------|---------------------|-------------------------|--------------|-----------------------|
| Work Request by Priority | Completed Total | Compliance Standard | Completed in Compliance | Compliance % | Average Days to Close |
| 1 - Urgent (Completed within 24 Hours) | 50 | 90% | 50 | 100% | .50 |
| 2 - Important (Completed within 3 Business Days) | 45 | 90% | 44 | 98% | 1.75 |
| 3 - Standard (Completed within 10 Business Days) | 20 | 90% | 20 | 100% | 7.15 |
| 4 - Preventative Maintenance (Scheduled Work) | 90 | N/A | N/A | N/A | N/A |
| 5 - Street Rehabilitation | 7 | N/A | N/A | N/A | N/A |
| Grand Total | 212 | | | | |
| Citizen Response Center | | | | | |
| Calls Answered Within 2 Minutes | Total Calls | | Compliance Standard | | Compliance % |
| | 1,738 | | 80% | | 97% |

Right-Of-Way Permits

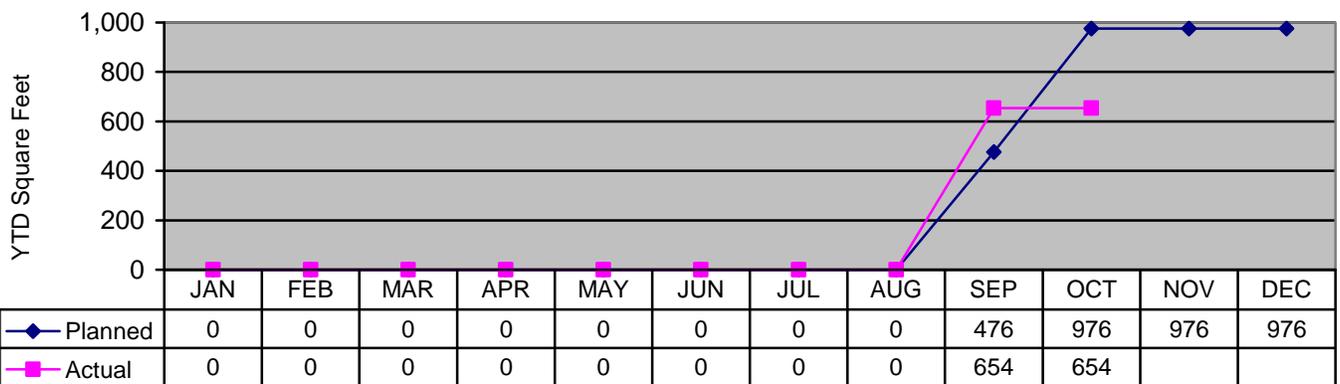


Traffic Maintenance

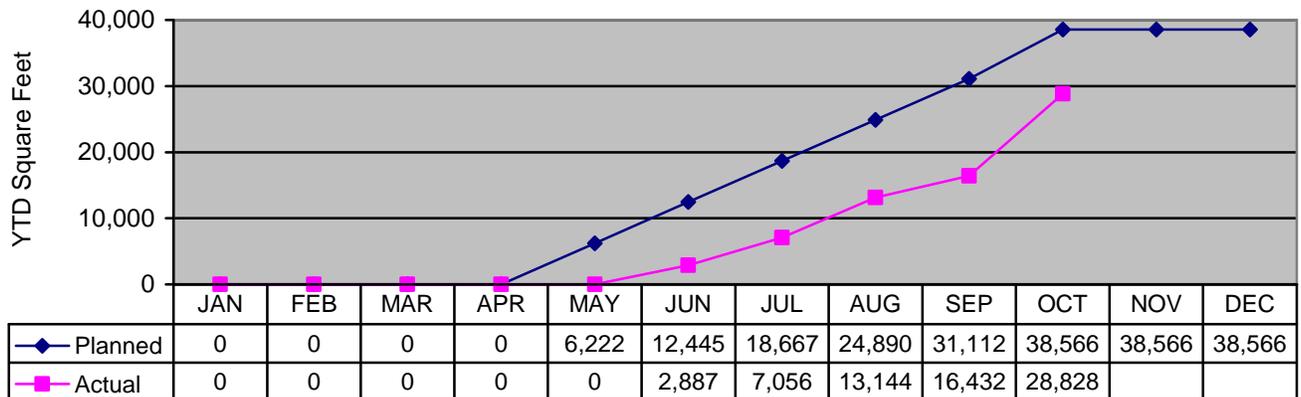
Lane Striping - 1,330,000 LF



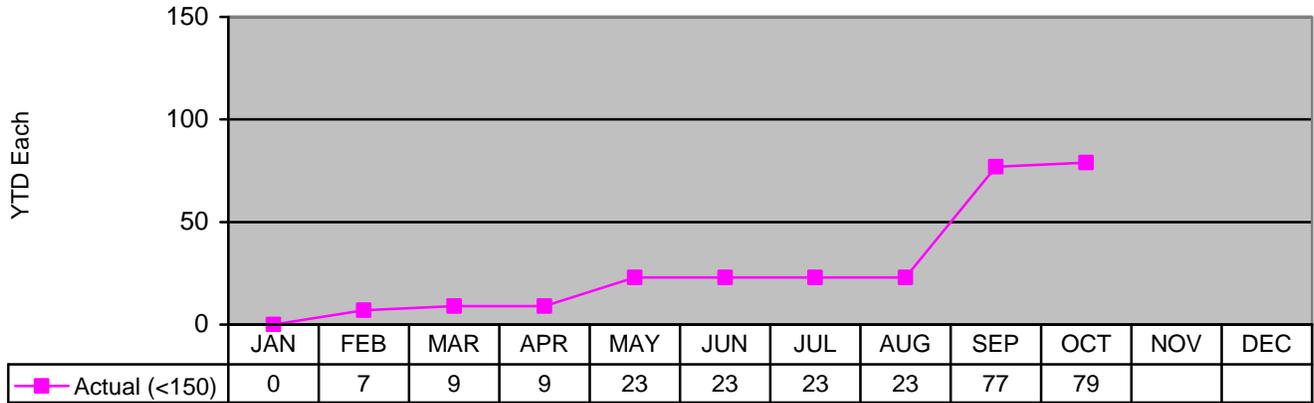
Thermoplastic Crosswalks and Stopbars - 976 SF



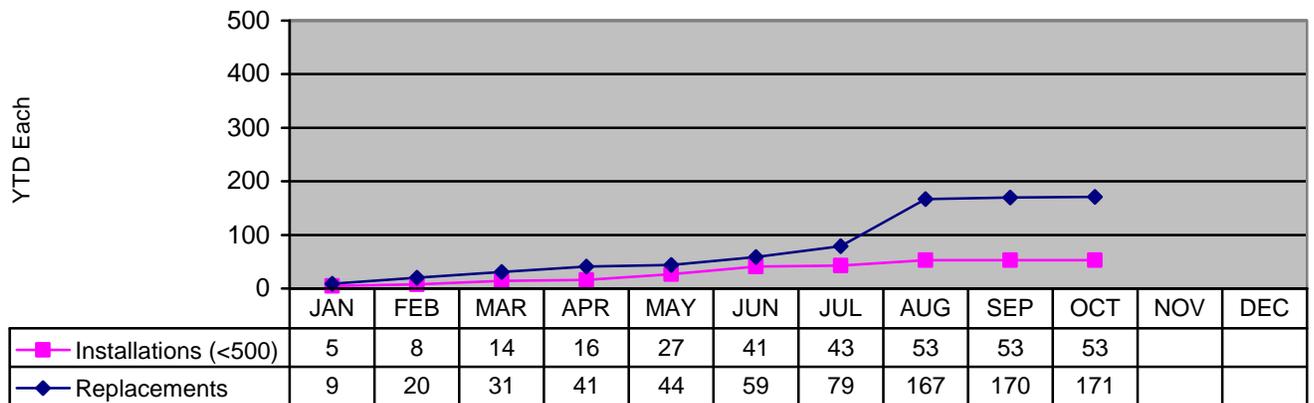
Acrylic Paint Crosswalks and Stopbars - 38,566 SF



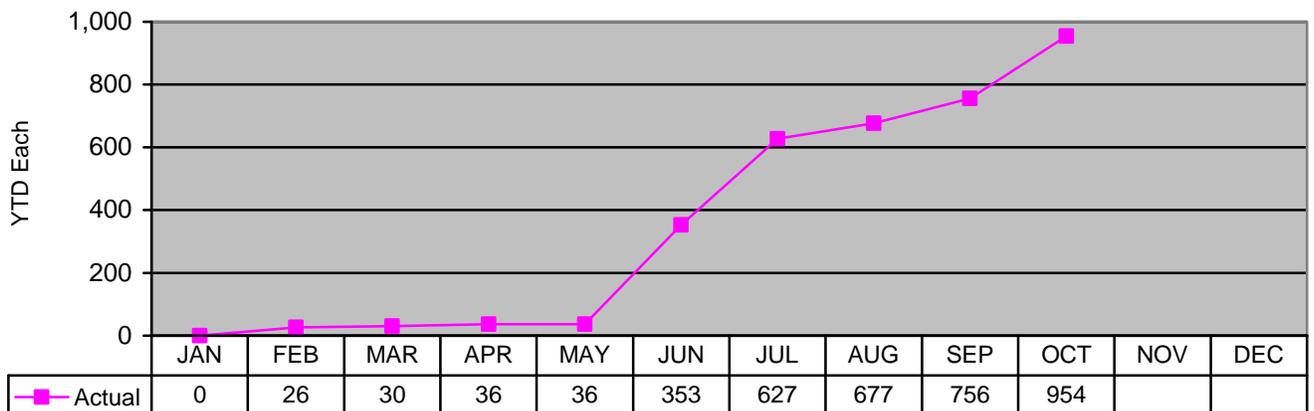
Traffic Counts - EA



New Sign Installation/Replacements



Street Name Sign Replacements (Blue Signs) - EA

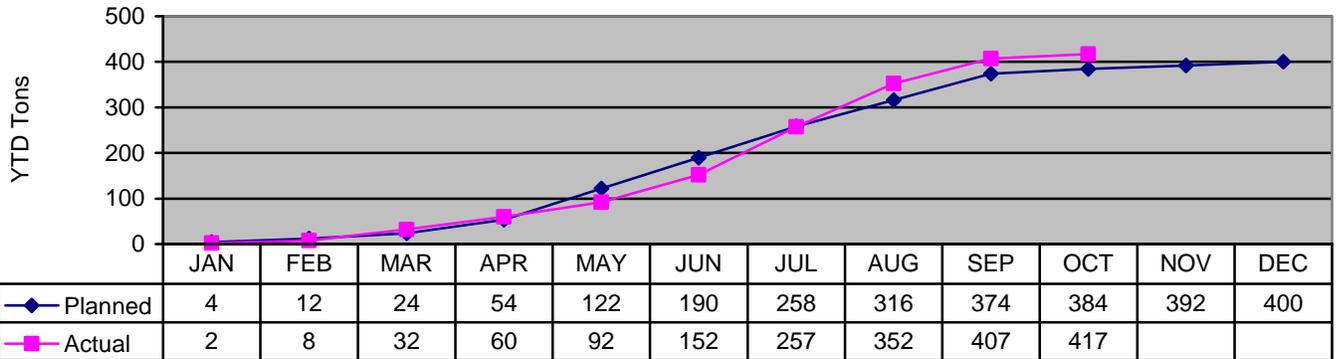


Special Events Permit

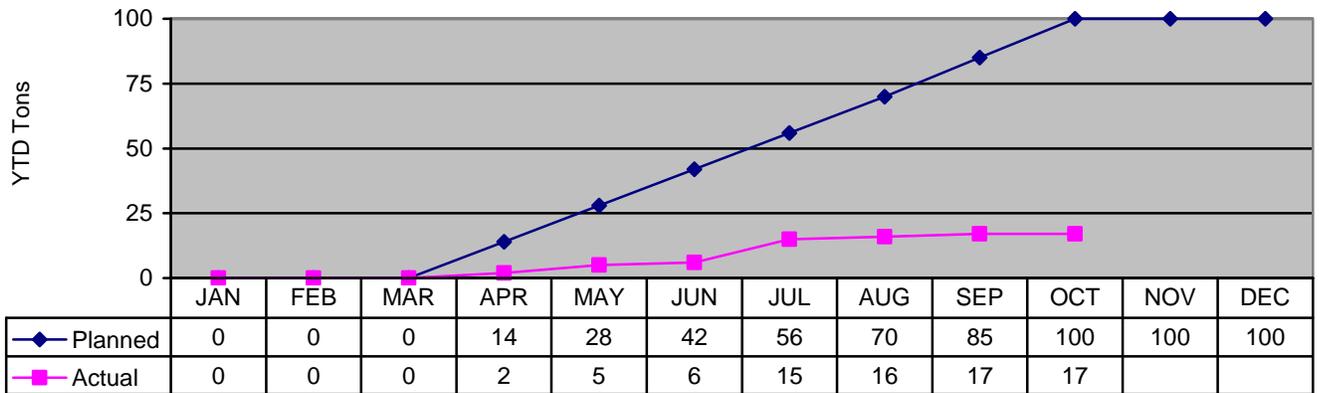
| | Q1 | Q2 | Q3 | Oct | YTD |
|----------------------------|---------|---------|--------|---------|---------|
| # of Permits | 2 | 13 | 12 | 3 | 30 |
| Average Review Time | .5 Days | 13 Days | 9 Days | 15 Days | 11 Days |

Pavement Maintenance

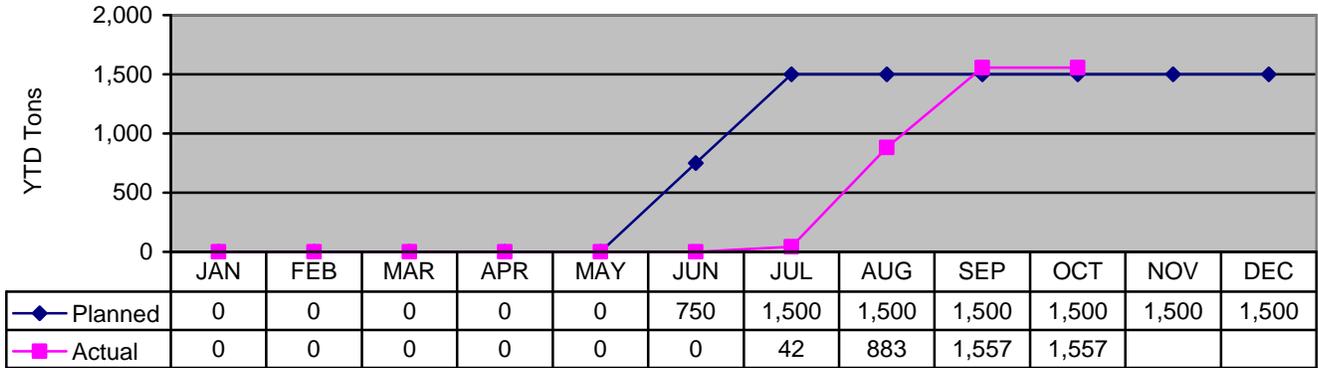
Pothole Patching - 400 Tons



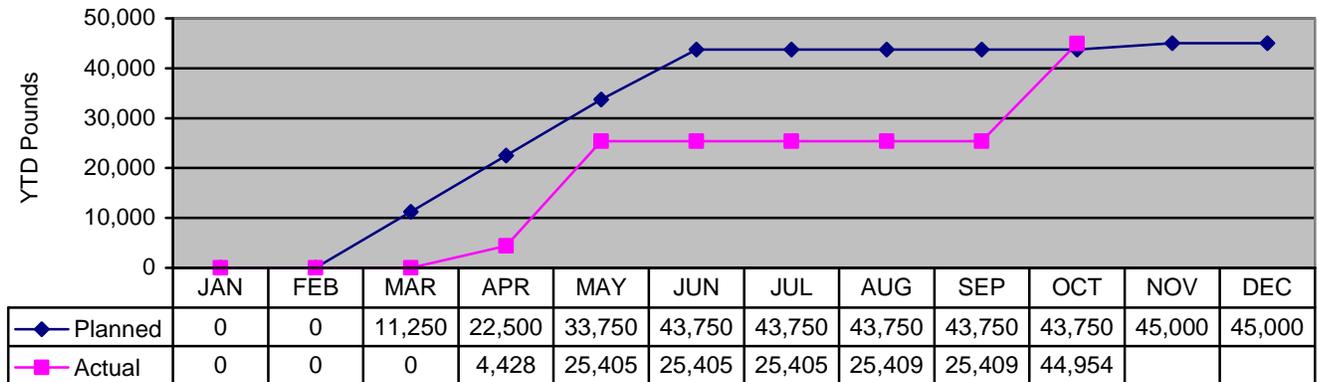
Patch Back - 100 Tons



Major Patching - 1,500 Tons

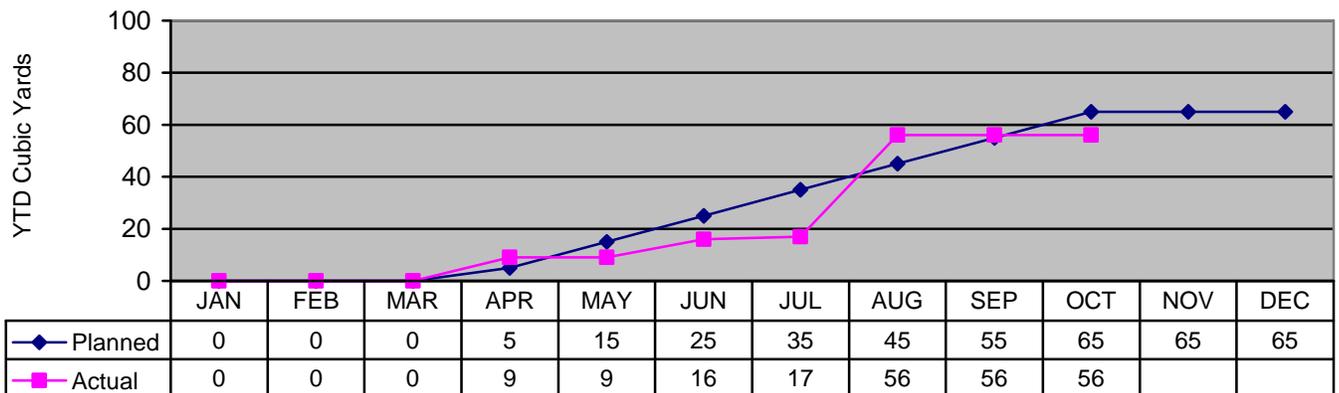


Crack Seal - 45,000 LBS

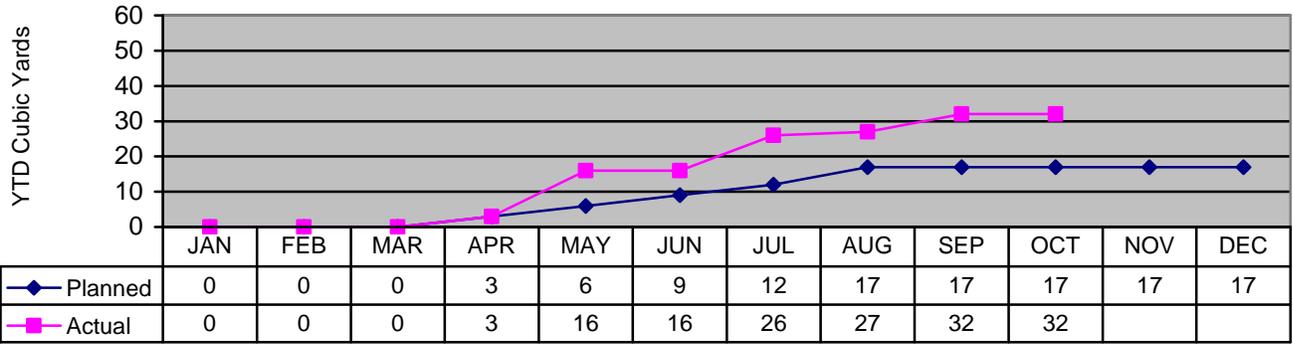


Concrete Replacement

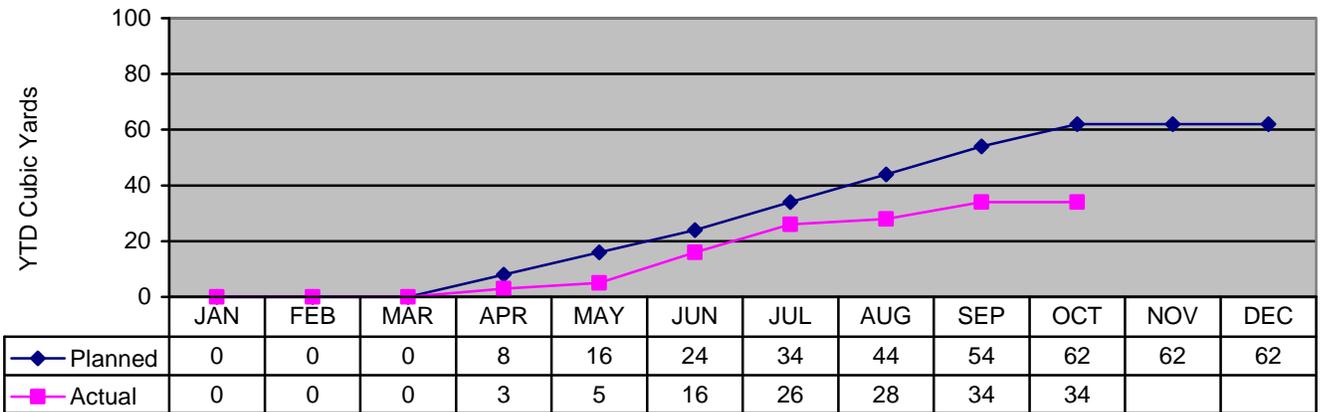
Sidewalk - 65 CY



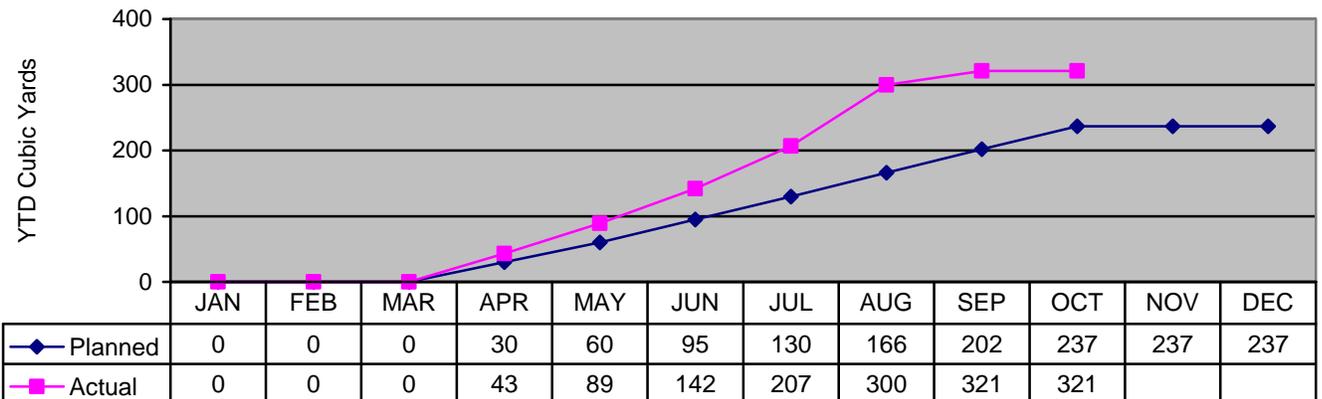
ADA Ramps - 17 CY



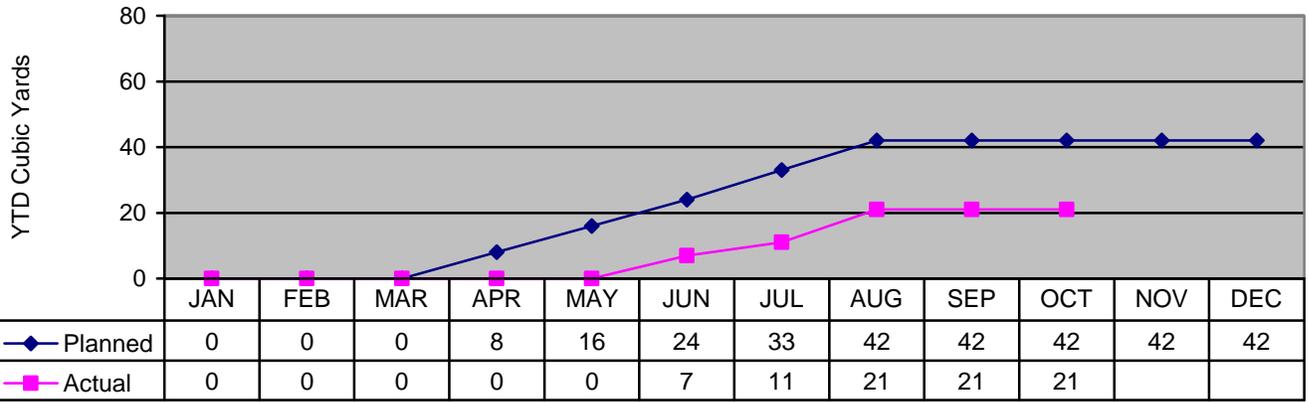
Curb and Gutter - 62 CY



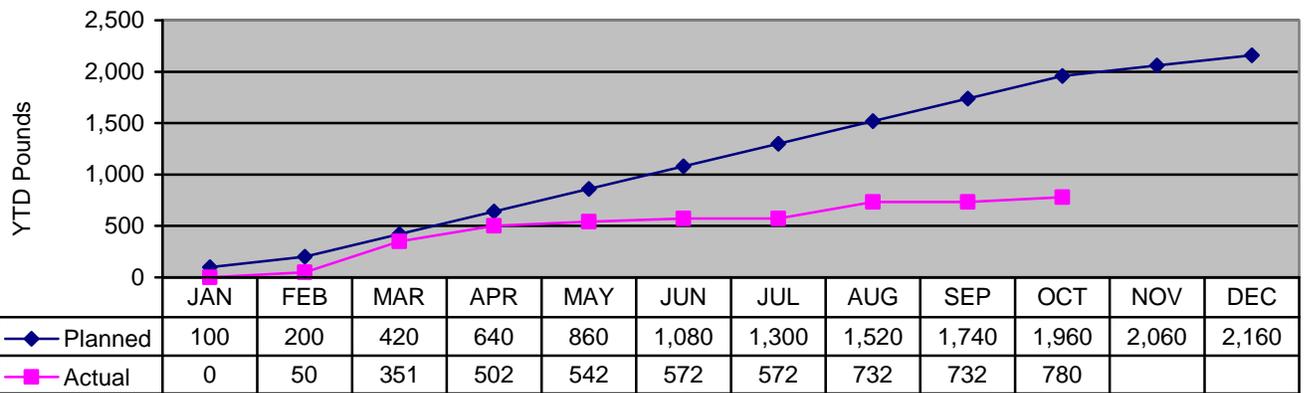
Curb, Gutter and Sidewalk Combination - 237 CY



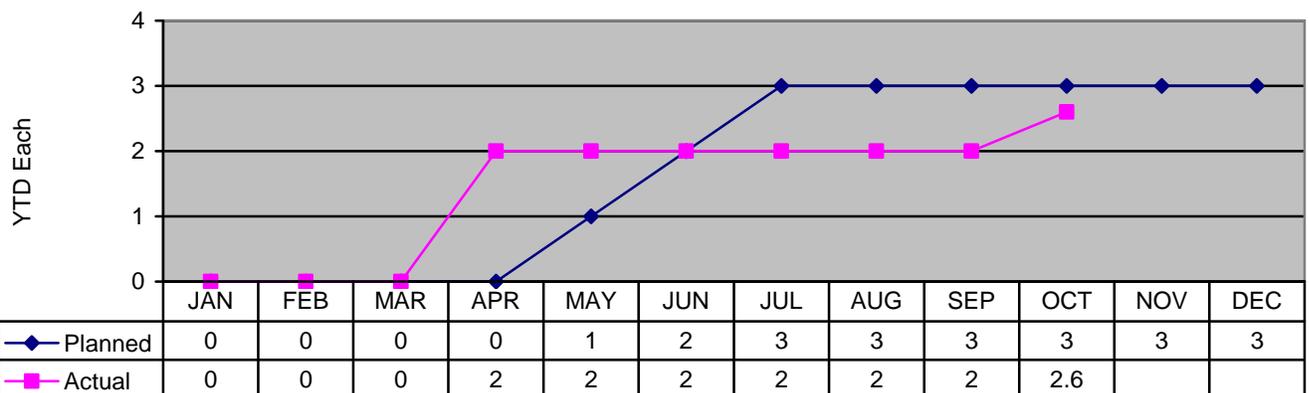
Crosspans and Aprons - 42 CY



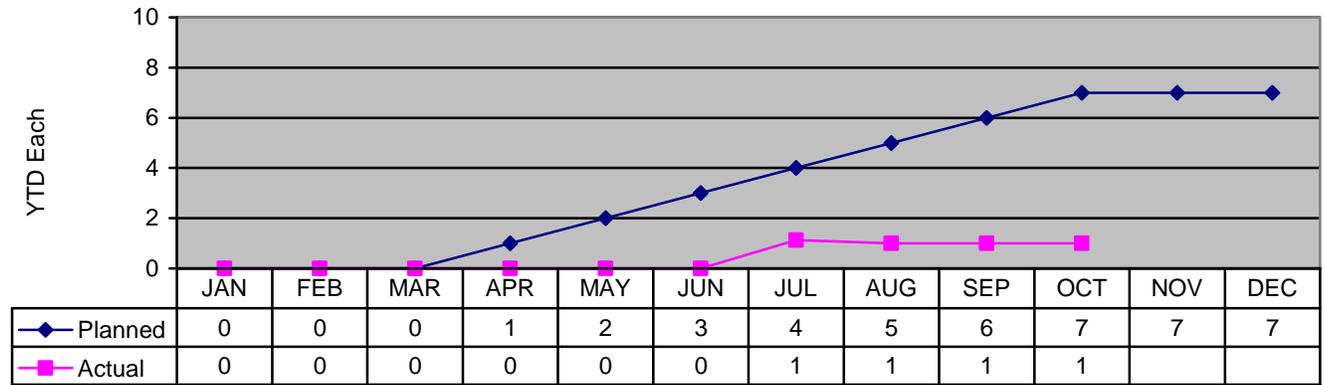
Concrete Patching - 2,160 LBS



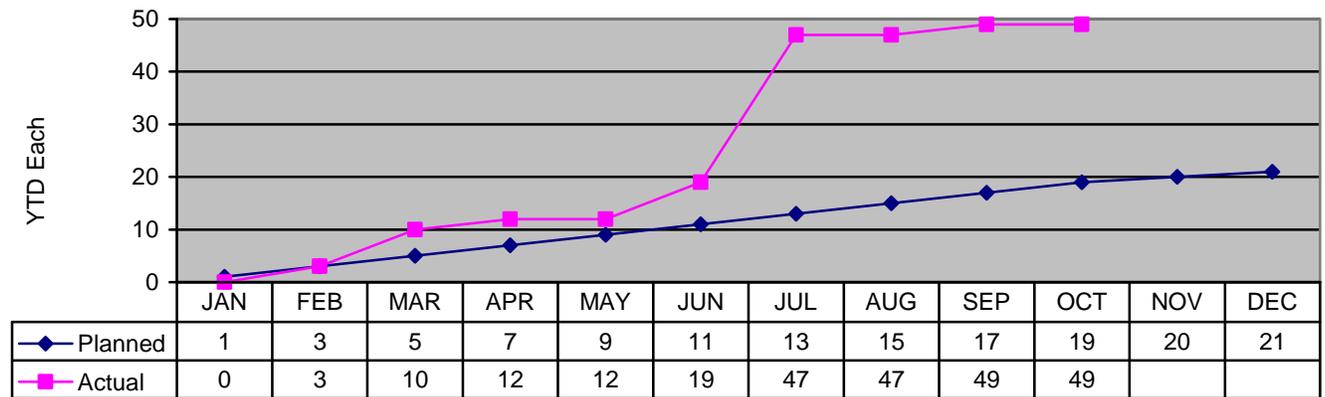
Chase Drains - 3 EA



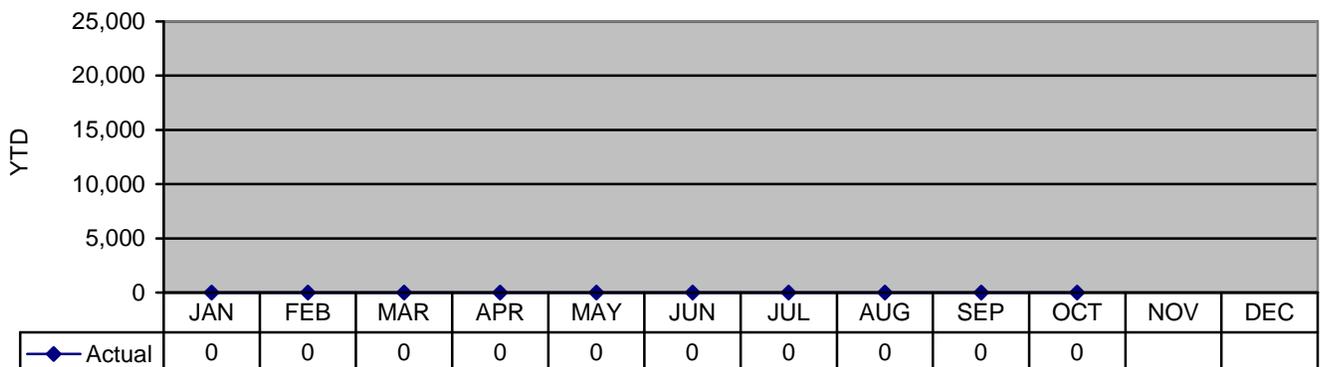
Truncated Domes - 7 EA



Concrete Grinding - 21 EA

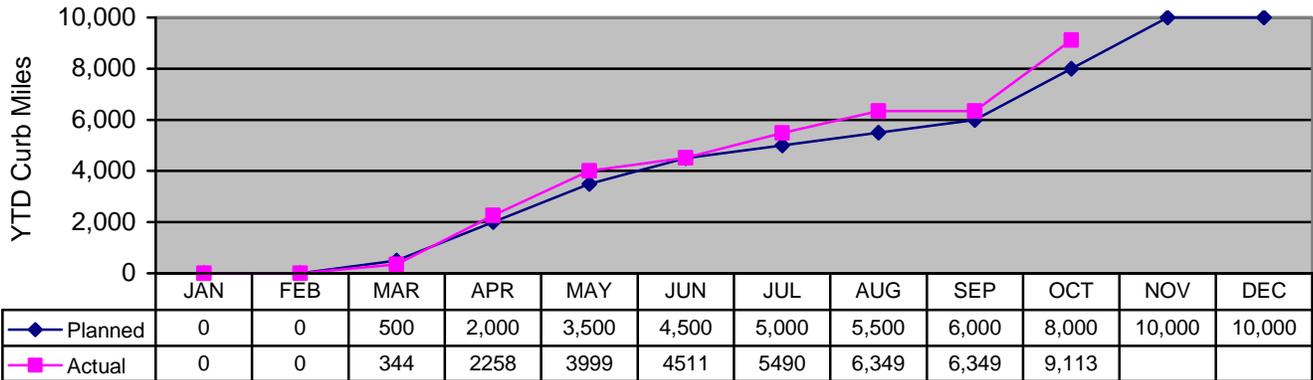


Concrete Joint Maintenance - LF



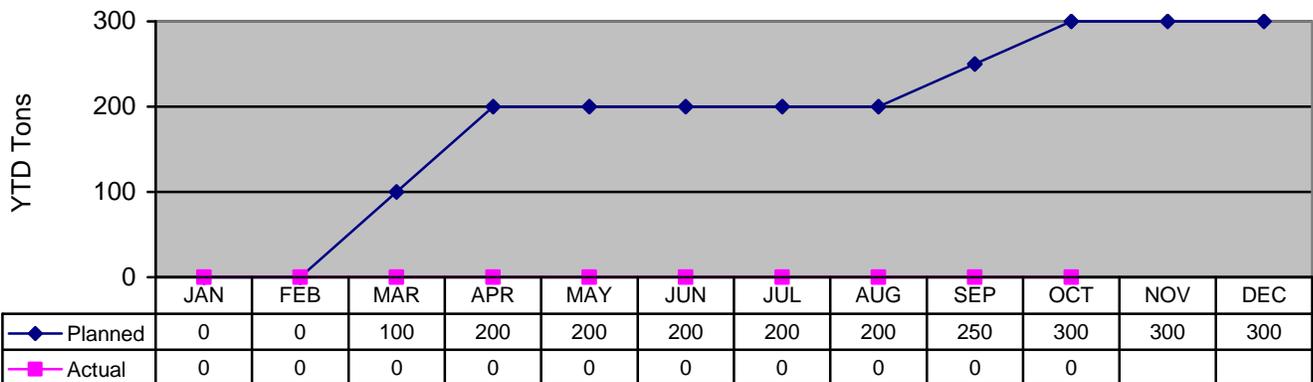
Street Sweeping

Street Sweeping - 10,000 Curb Miles (3 Sweeps)



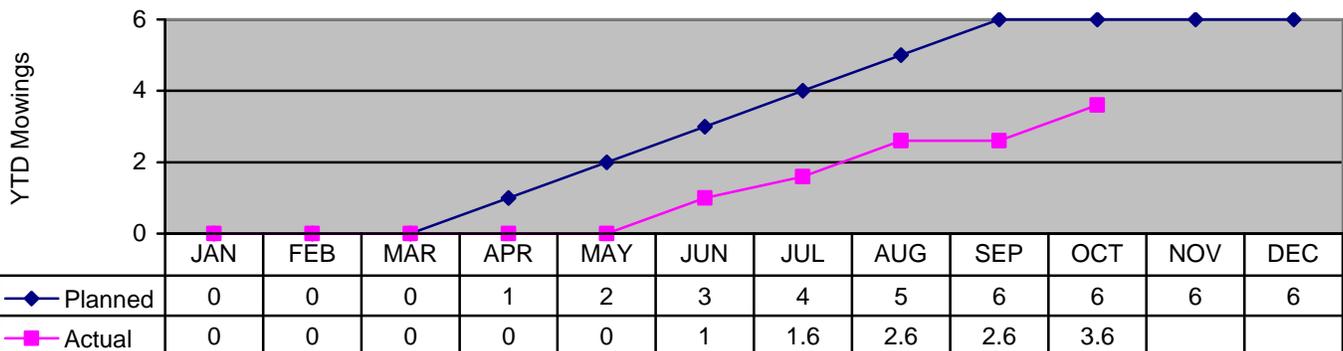
Gravel Maintenance

Gravel Shoulder Maintenance - 300 Tons

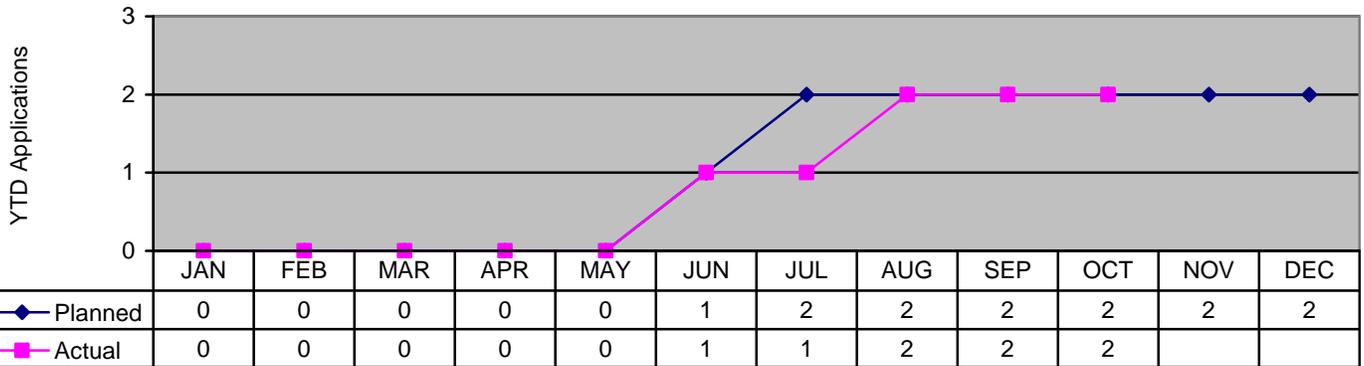


Mowing and Weed Control

Mowing - EA

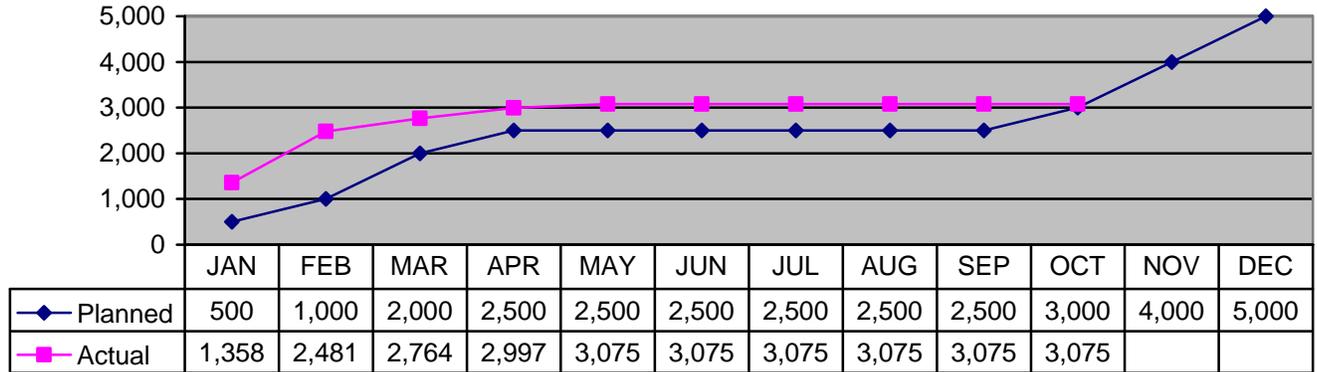


Weed Control, Spraying - 2 EA



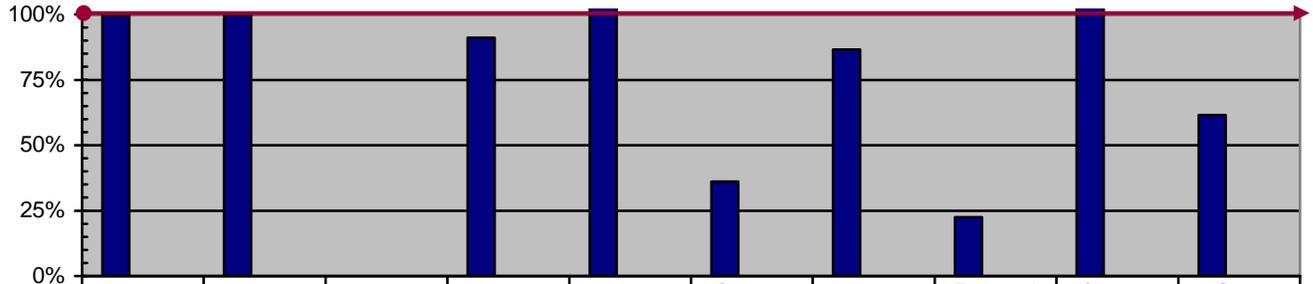
Snow Removal

CDL Hours



2014 Performance Measures

Field Services Activities - Percentage of Metric



| | Patching | Crack Seal | Gravel | Sweeping | Concrete | Concrete Patching | Chase Drains | Truncated Domes | Concrete Grinding | Snow Removal |
|----------------|----------|------------|--------|-----------|----------|-------------------|--------------|-----------------|-------------------|--------------|
| ■ Percentage | 99.59% | 99.90% | 0.00% | 91.13% | 109.64% | 36.09% | 86.67% | 22.50% | 234.89% | 61.50% |
| ■ 2014 Metric | 2,000 T | 45,000 LB | 300 T | 10,000 CM | 423 CY | 2,160 LBS | 3 EA | 5 EA | 21 EA | 5,000 HRS |
| □ Year to Date | 1,992 T | 44,954 LB | 0 T | 9,113 CM | 464 CY | 780 LBS | 3 EA | 1 EA | 49 EA | 3,075 HRS |

Tons = T

Pounds = LB

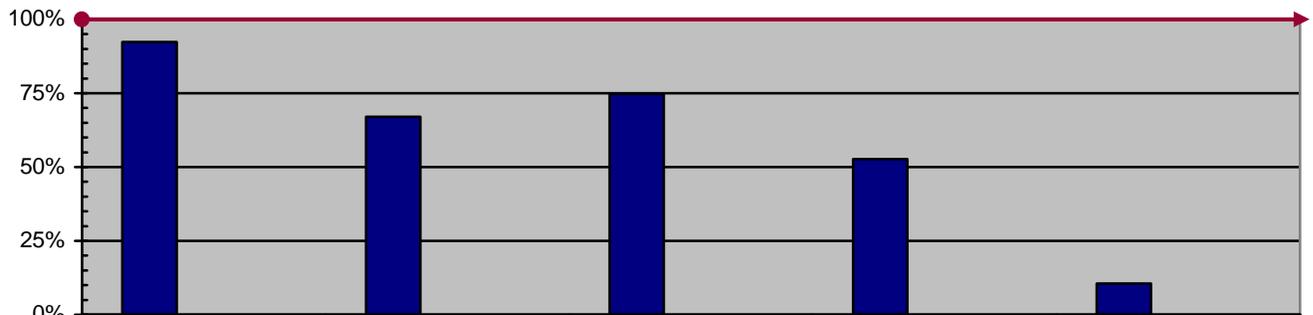
Curb Miles = CM

Cubic Yards = CY

Each - EA

Hours = HRS

Traffic Engineering Activities - Percentage of Metric



| | Striping | Thermoplastic Paint | Acrylic Paint | Traffic Counts | New Signs |
|----------------|--------------|---------------------|---------------|----------------|-----------|
| ■ Percentage | 92.38% | 67.01% | 74.75% | 52.67% | 10.60% |
| ■ 2014 Metric | 1,330,000 LF | 976 SF | 38,566 SF | < 150 EA | < 500 EA |
| □ Year to Date | 1,228,629 LF | 654 SF | 28,828 SF | 79 EA | 53 EA |

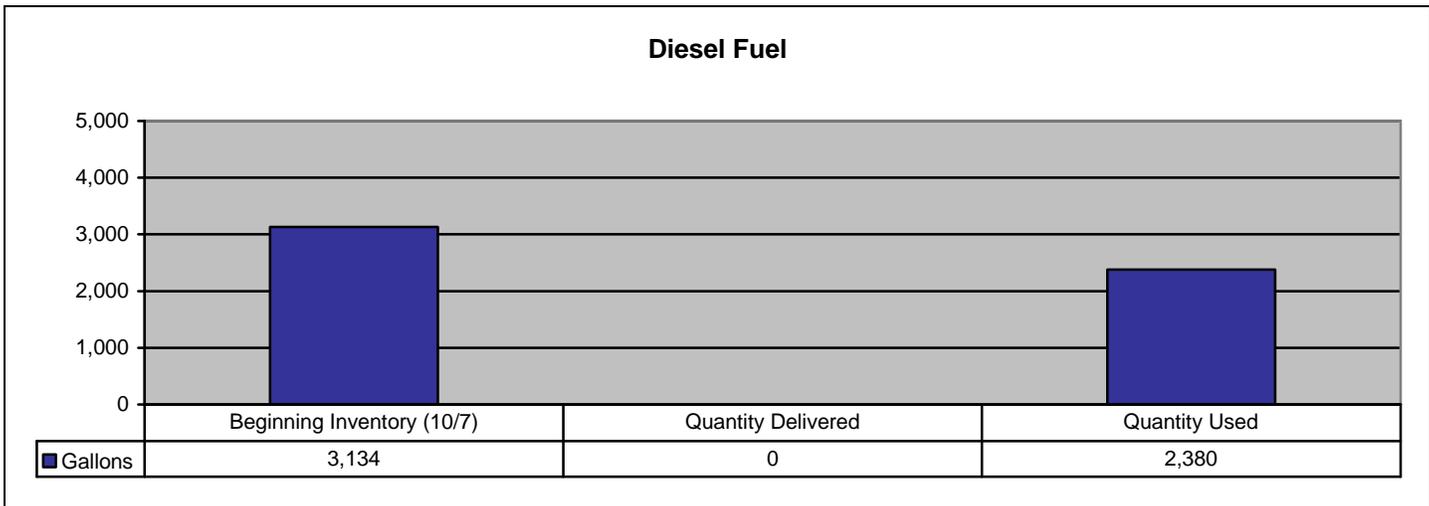
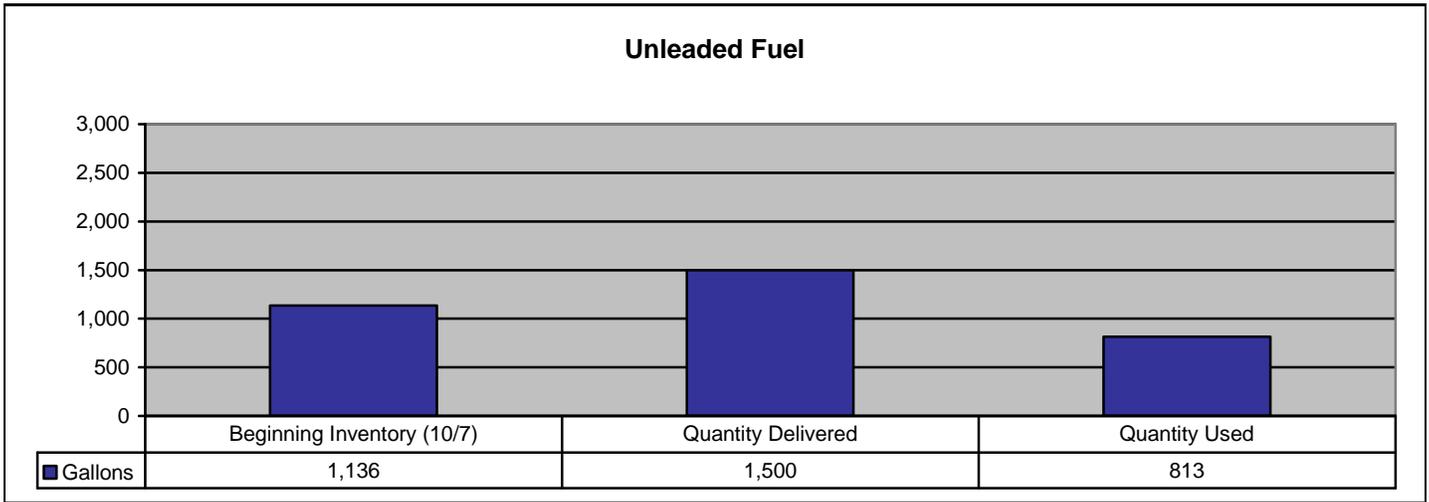
Linear Feet = LF

Square Feet = SF

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.



Snow Material Inventory

(Estimated Usage)

| (YTD) | Beginning Inventory | Delivered | Used | Ending Inventory |
|---------------------------|---------------------|-----------|------|------------------|
| Liquid Material (Gallons) | | | | |
| APEX (MgCl) | 26,911 | 0 | 0 | 26,911 |
| Brine | 0 | 0 | 0 | 0 |
| Solid Material (Tons) | | | | |
| Salt | 1,809 | 0 | 0 | 1,809 |
| Ice Slicer | 1,618 | 0 | 0 | 1,618 |

City Budgets

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

| | 2014 Budget | Year-To-Date Expenditures | Remaining Balance |
|---------------------------------------|---------------|---------------------------|-------------------|
| Animal Disposal | | | |
| Animal & Pest Control (Large Animals) | \$ 2,500.00 | \$ (1,000.00) | \$ 1,500.00 |
| Pet Cremation Services (PW) | \$ 1,000.00 | \$ (210.00) | \$ 790.00 |
| Asphalt/Coldmix Material | \$ 105,000.00 | \$ (83,886.78) | \$ 21,113.22 |
| Fuel | \$ 137,000.00 | \$ (128,268.21) | \$ 8,731.79 |
| Mosquito Control | \$ 40,000.00 | \$ (36,130.95) | \$ 3,869.05 |
| Signal Additions/Repairs | \$ 224,590.00 | \$ (136,604.24) | \$ 87,985.76 |
| Signal (Pole) Maintenance | \$ 75,000.00 | \$ - | \$ 75,000.00 |
| Snow Removal Materials | \$ 375,000.00 | \$ (278,065.83) | \$ 96,934.17 |