



**Public Works Department  
Operations and Traffic Engineering  
Monthly Report – May 2013**

## ACTIVITY

- [Citizen Response Center](#) – The total number of calls to 303.325.8000 and web requests received were 1,893.
- [Requests by Department](#) – The total number of work requests received were 2,149.
- [Compliance Summary](#) – Field and Traffic Services work requests were completed with 96%-99% compliance.
- [Right-Of-Way Permits](#) – There were 26 permits issued in May.
- [Traffic Maintenance](#) – 17 new signs were installed for the month and 154 for the Street Name Sign Replacement Program.
- [Pavement Maintenance](#) – May pothole patching required 69.39 tons of asphalt.
- [Concrete Replacement](#) – A total of 105 cubic yards were replaced in May.
- [Street Sweeping and Gravel Maintenance](#) – Sweeping efforts continued throughout the month.
- [Mowing, Debris, and Weed Control](#) – Mowing efforts began in May.
- [Snow Removal Activities](#) – There were a total of 123 CDL hours logged for May.
- [2013 Performance Measures](#) – Field Services and Traffic Engineering
- [Fuel Inventory](#) – Unleaded Fuel Usage and Diesel Fuel Usage
- [Snow Material Inventory](#) –
- [City Budgets](#)

## REVENUE

The May right-of-way permit revenue, excluding pavement restoration fees, was \$14,446.

## PUBLIC WORKS MAJOR ACTIVITIES

- Submittal of 2013 Hazard Elimination Construction documents Smoky Hill Road (Tower, Liverpool), Buckley/Orchard, and Potomac/Briarwood
- Completion of 2013 Spring Annual Striping
- 2013 Sign Inventory field work
- Council presentation of Neighborhood Traffic Management Program (NTMP) Policy Amendment
- Council presentation of Final Draft of Transportation Plan
- Initiated the 2013 Crash Analysis study
- Responsible Acceleration of Maintenance and Partnerships (RAMP) application for Arapahoe Road selected for next phase of evaluation
- Begin construction of High Intensity Activated Beacon (HAWK) at Centennial Trail crossing
- Completion of DRCOG 2011 Miscellaneous Equipment Purchase Program

## A LOOK AHEAD

- NTMP meeting with Willow Creek neighborhood on June 4
- 2013 Crash Analysis study
- Final clearances for the 2013 Hazard Elimination projects
- RAMP grant preparation of detailed application
- Construction of HAWK at Centennial Trail crossing
- Initiation Signal Pole Painting Program
- Delivery of LED signal luminaire fixtures
- Major Patching Program is scheduled to begin for 2013

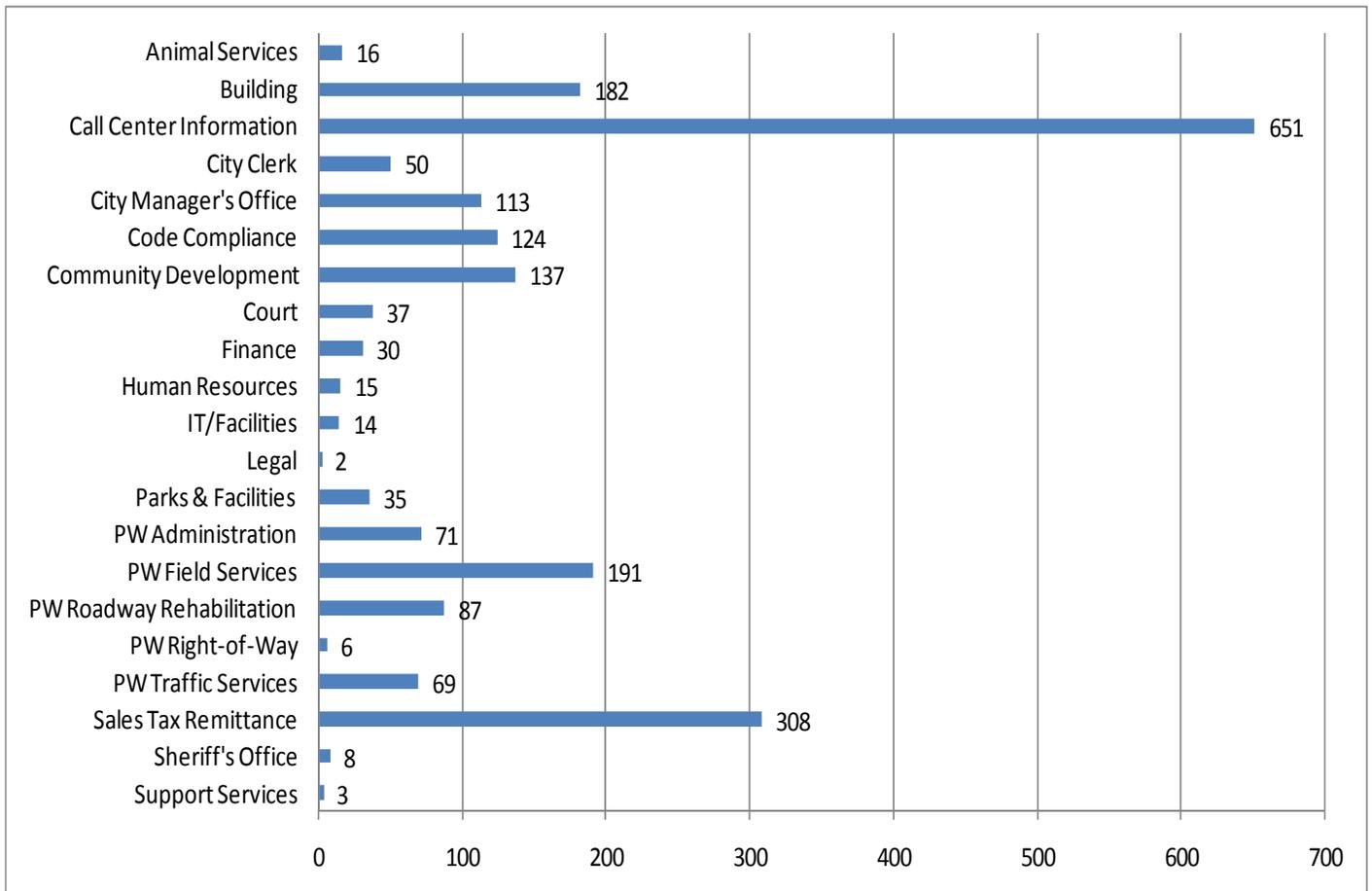
## Citizen Response Center

In May, the number of phone calls and web requests received by the City's 24-Hour Citizen Response Center, 303.325.8000, was 1,893; 90 were web requests. Only 97 calls were routed to the answering service during business hours, and a total of 77 calls were received after business hours. Overall, for the month of May, the Response Center had an 87% compliance metric of answering phone calls within 120 seconds and an 80% metric of responding to or acknowledging non-emergency citizen requests within a 24-hour period.

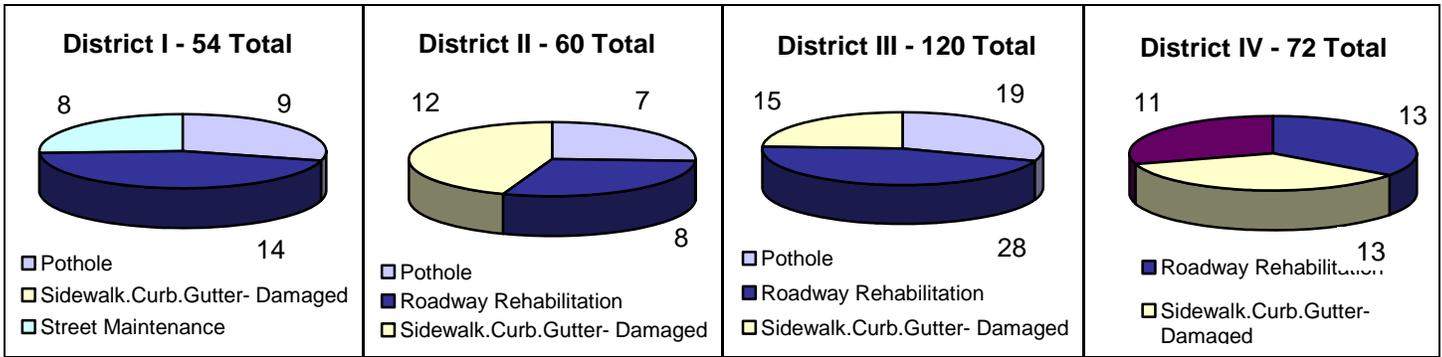
May 2013	Week 1	Week 2	Week 3	Week 4	MTD
	May 1-10	May 10-17	May 18-24	May 25-31	
Web Requests	28	13	24	25	<b>90</b>
Total Calls Handled by the Citizen Response Center	584	367	492	360	<b>1,803</b>
Total Metric for the Citizen Response Center	612	380	516	385	<b>1,893</b>
Total Calls Rolled Over to Answering Service <i>During</i> Business Hours	26	20	28	23	<b>97</b>
Total Calls Rolled over to Answering Service <i>After</i> Hours	13	19	23	22	<b>77</b>

## Requests Received by Department

The work requests received by the City for the month of May were 2,149.



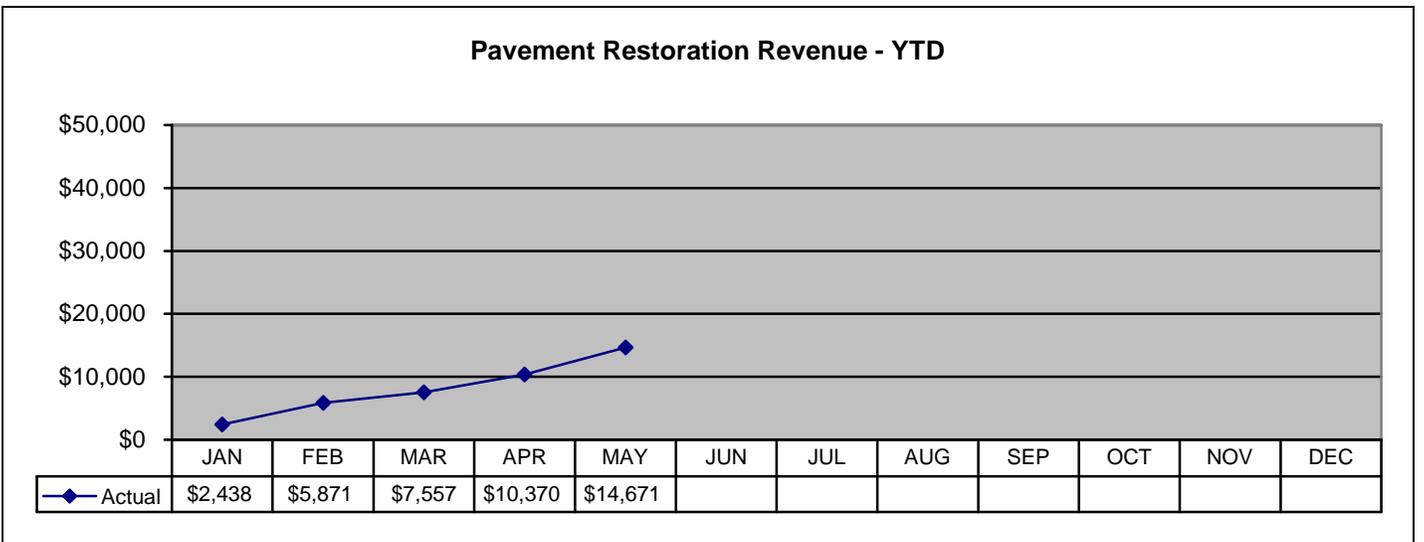
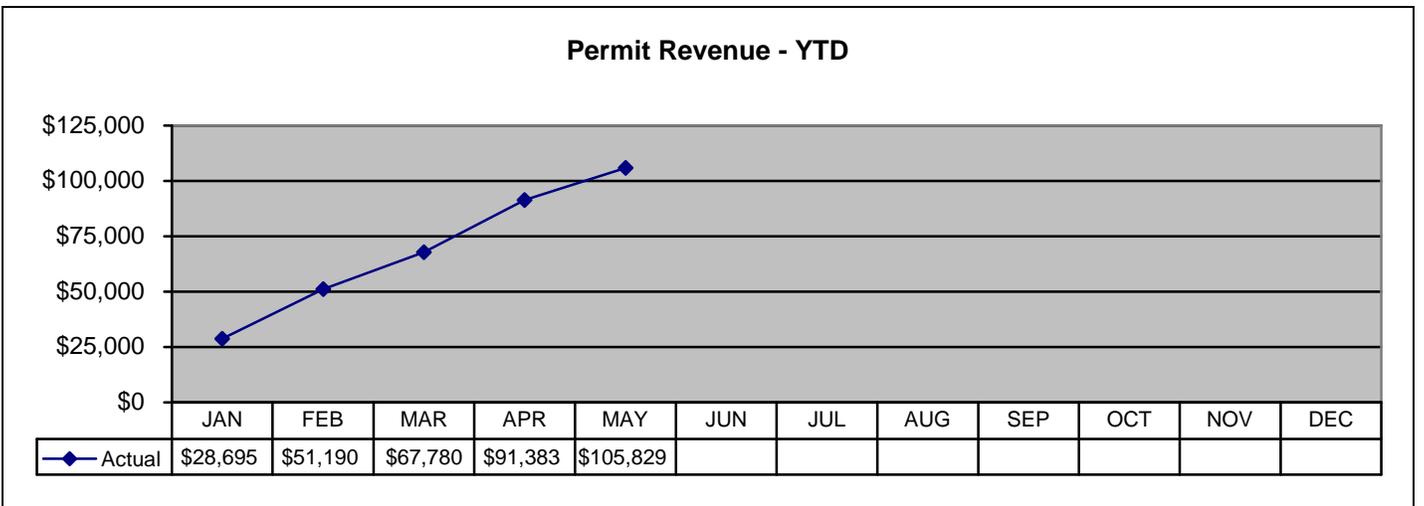
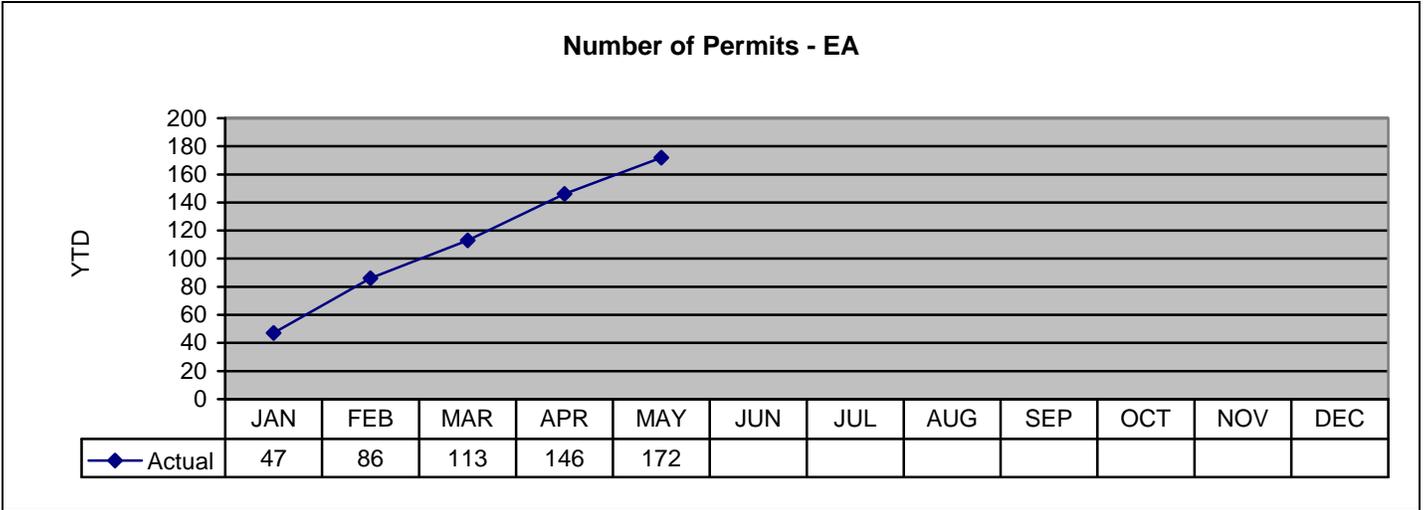
## Top 3 Work Request Issues by District



## Work Request Compliance Summary

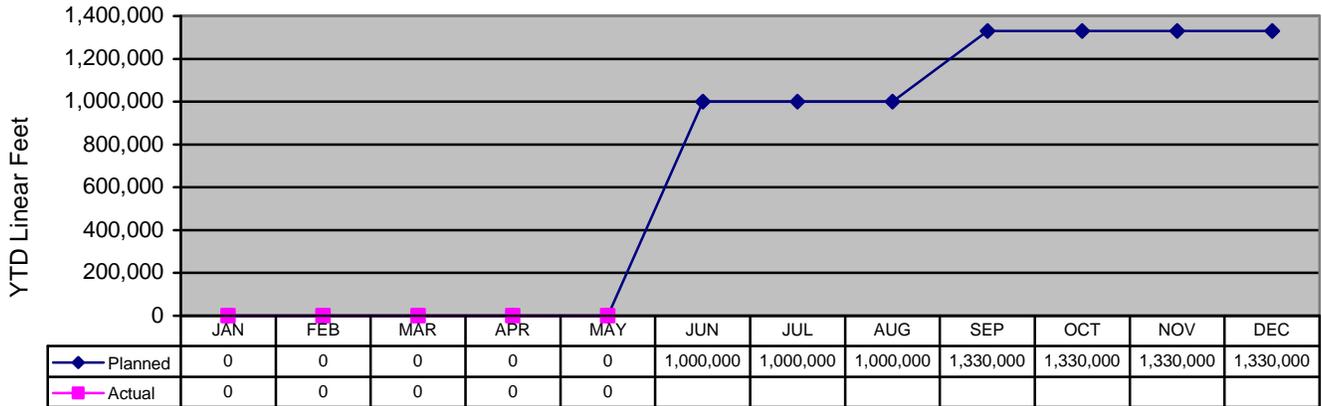
Field and Traffic Services					
Work Request by Priority	Received Total	Compliance Standard	Completed in Compliance	Compliance %	Average Days to Close
1 - Urgent (Completed within 24 Hours)	36	90%	35	97%	0
2 - Important (Completed within 3 Business Days)	70	90%	69	99%	1
3 - Standard (Completed within 10 Business Days)	26	90%	25	96%	4
4 - Preventative Maintenance (Scheduled Work)	131	N/A	N/A	N/A	N/A
5 - Street Rehabilitation	89	N/A	N/A	N/A	N/A
<b>Grand Total</b>	<b>352</b>				
Citizen Response Center					
Calls Answered Within 2 Minutes	Total Calls	Compliance Standard		Compliance %	
	1,893	80%		87%	

# Right-Of-Way Permits

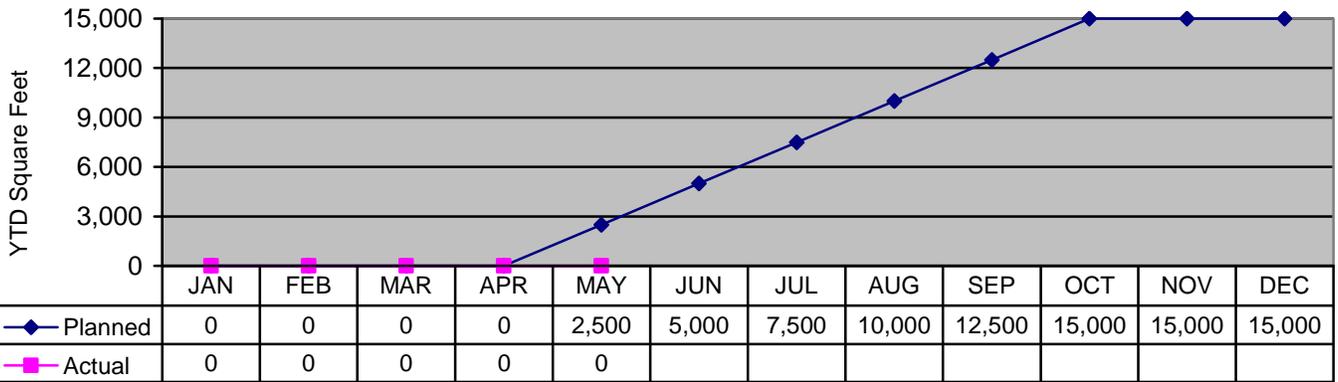


# Traffic Maintenance

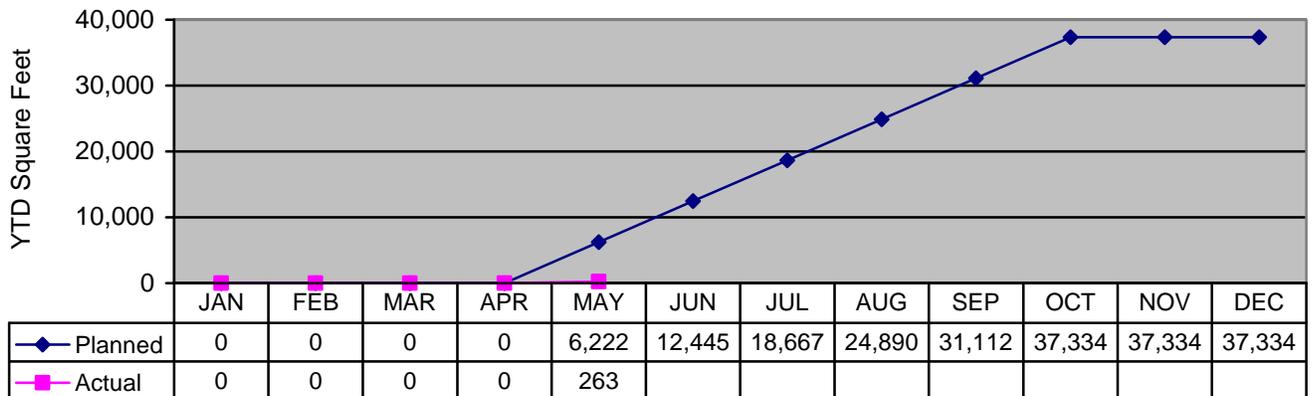
## Lane Striping - 1,330,000 LF

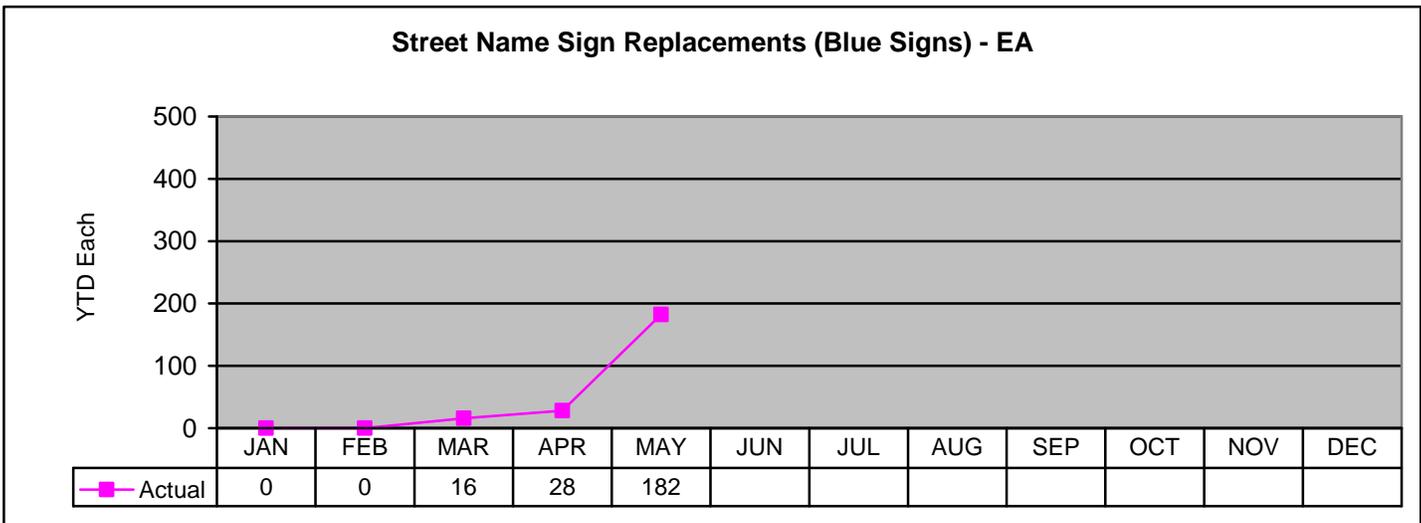
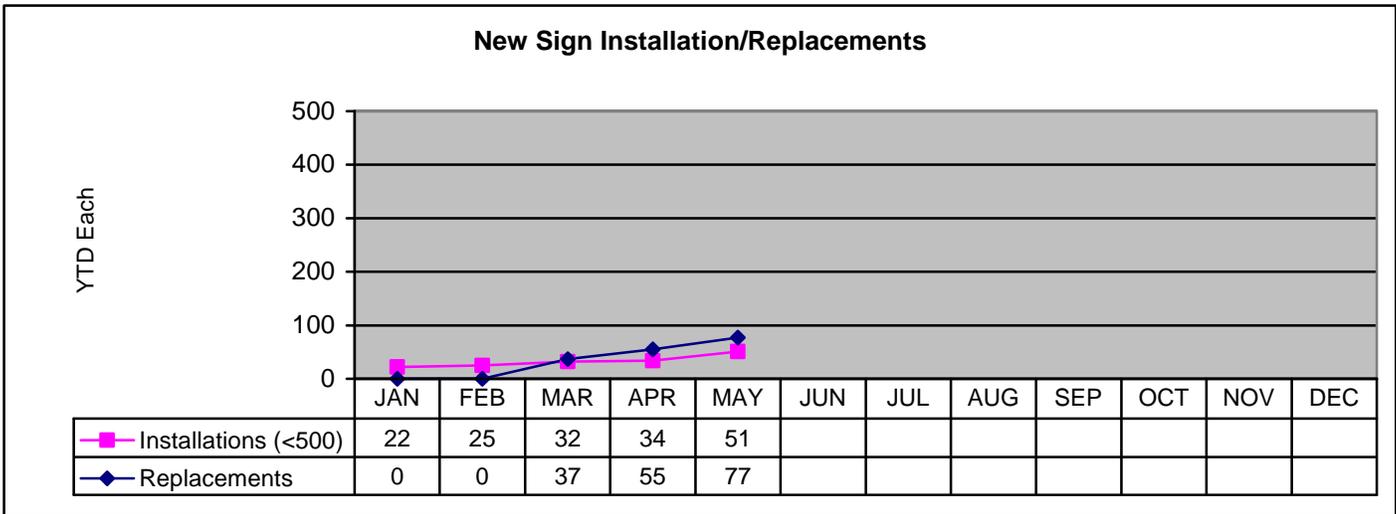
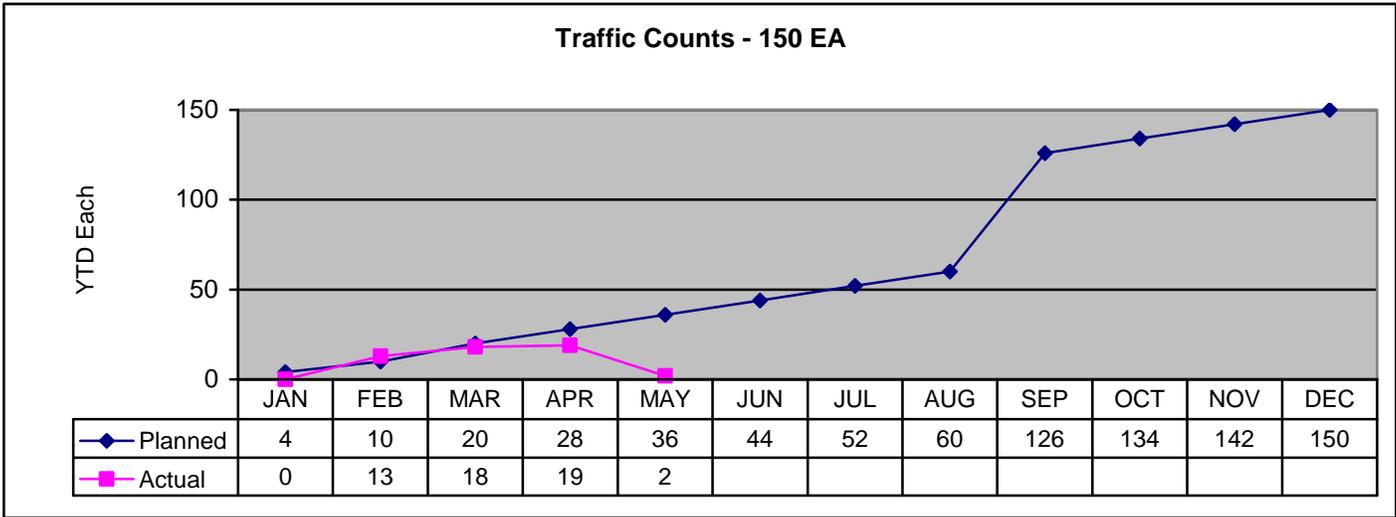


## Thermoplastic Crosswalks and Stopbars - 15,000 SF

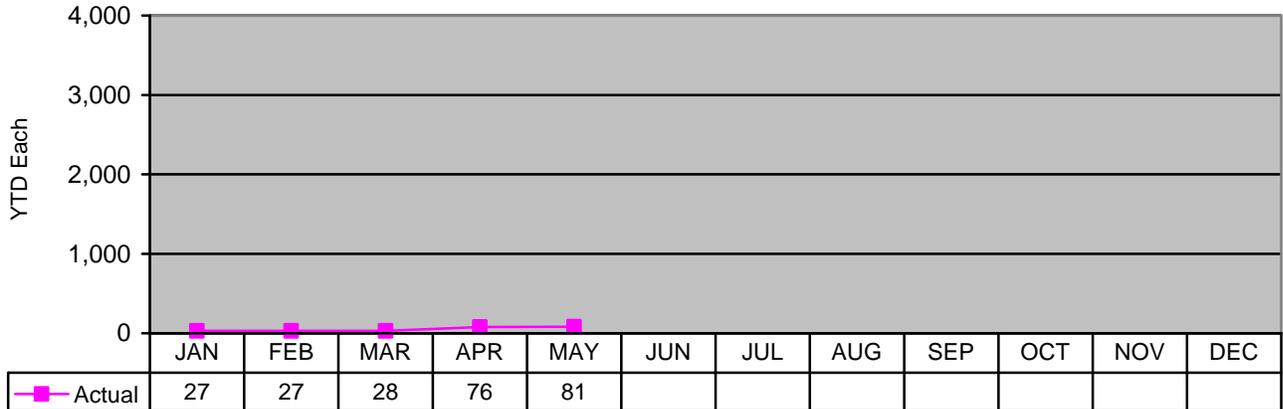


## Acrylic Paint Crosswalks and Stopbars - 37,334 SF





### Sign Inspections - Approximately 4,000

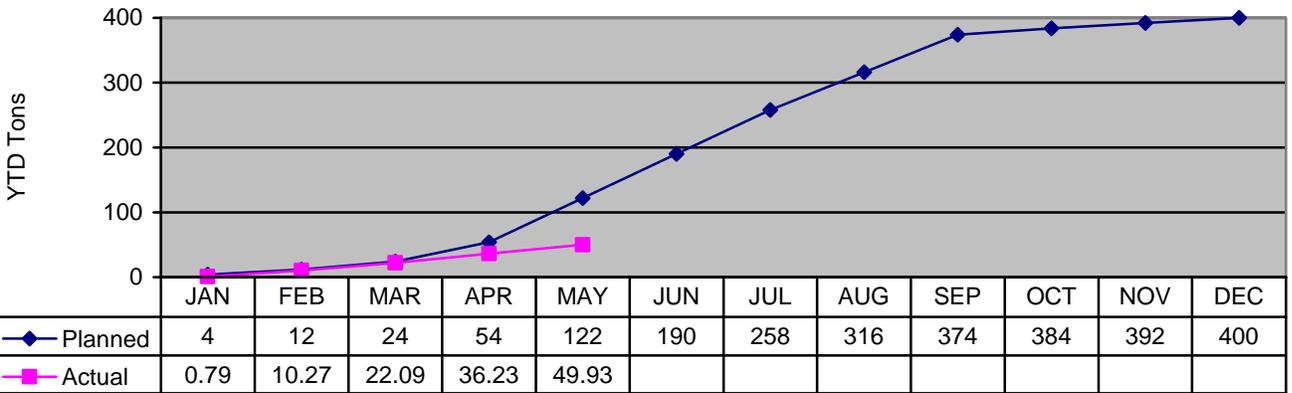


### Special Events Permits

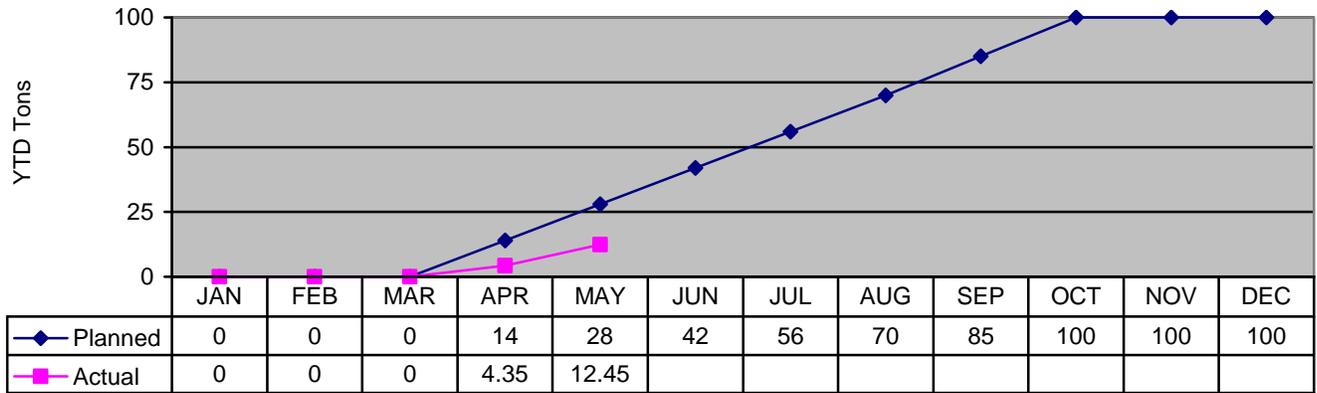
	Q1	April	May	YTD
Average Review Time	4 Days	6 Days	14 Days	8 Days
Number of Permits	1	1	3	5

### Pavement Maintenance

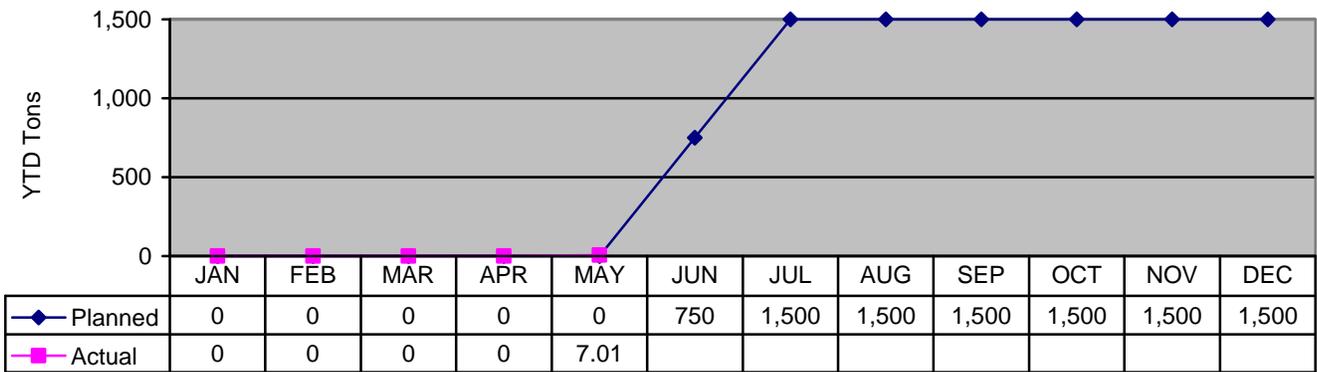
#### Pothole Patching - 400 Tons



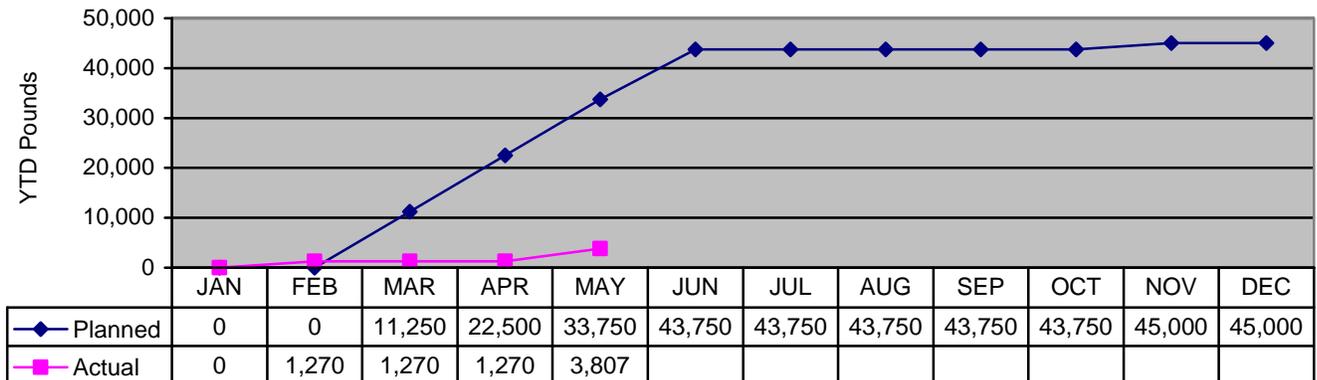
### Patch Back - 100 Tons



### Major Patching - 1,500 Tons

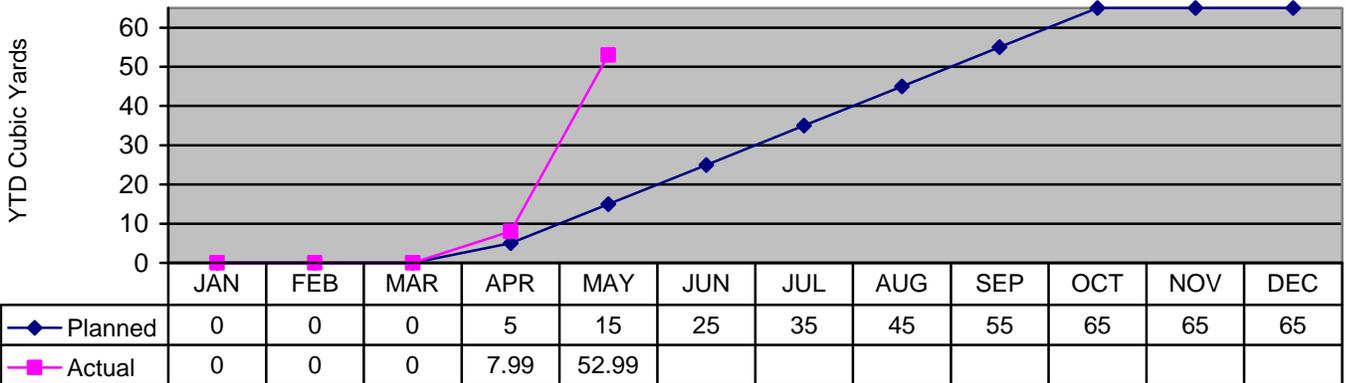


### Crack Seal - 45,000 LBS

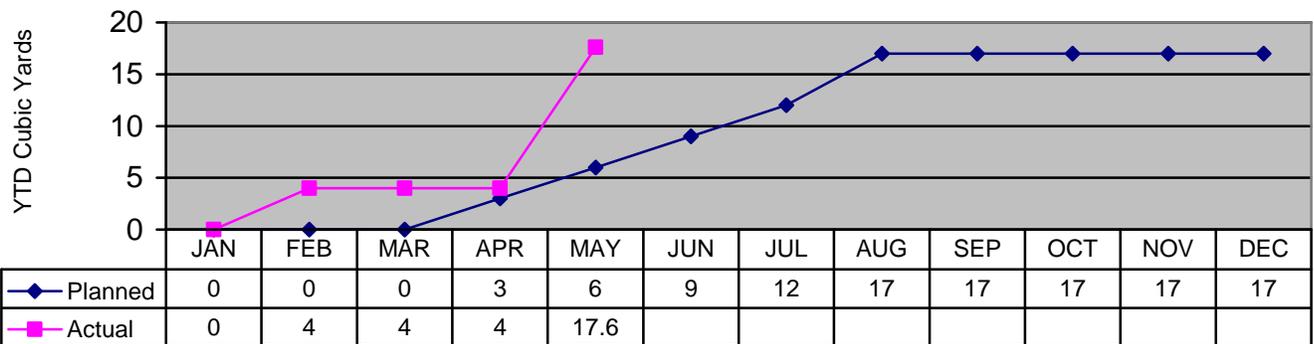


# Concrete Replacement

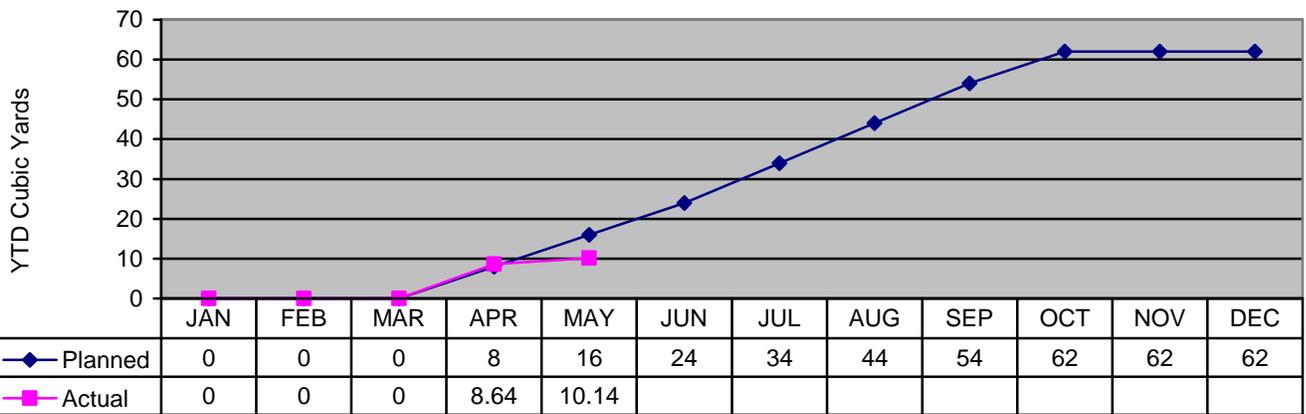
## Sidewalk - 65 CY



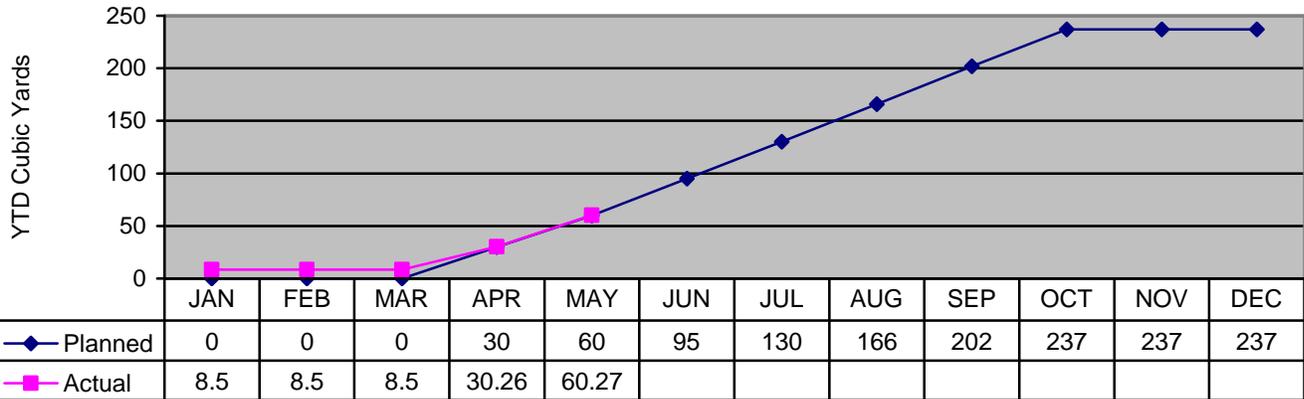
## ADA Ramps - 17 CY



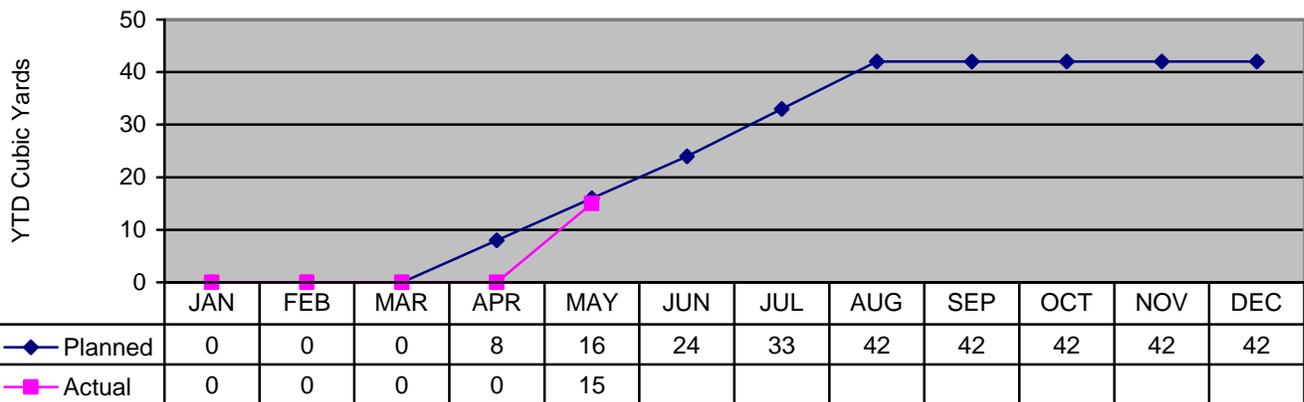
## Curb and Gutter - 62 CY



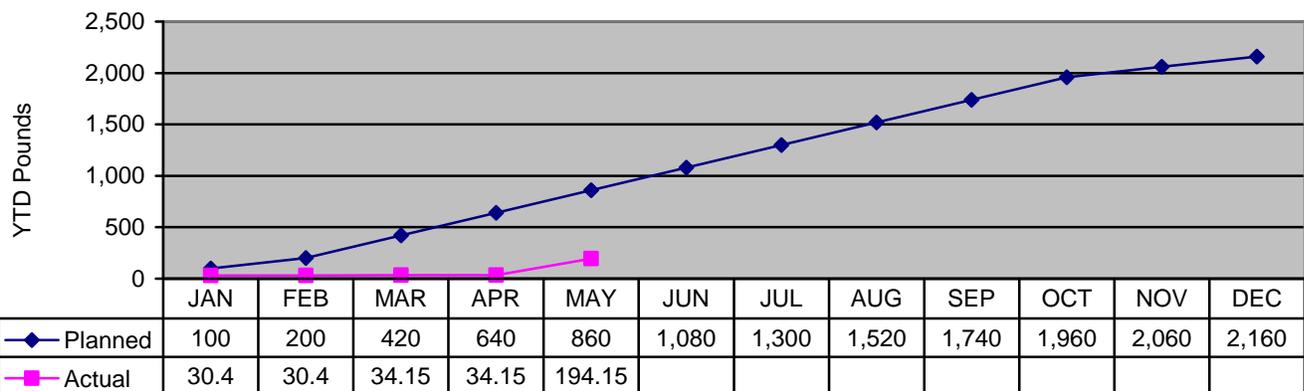
### Curb, Gutter and Sidewalk Combination - 237 CY



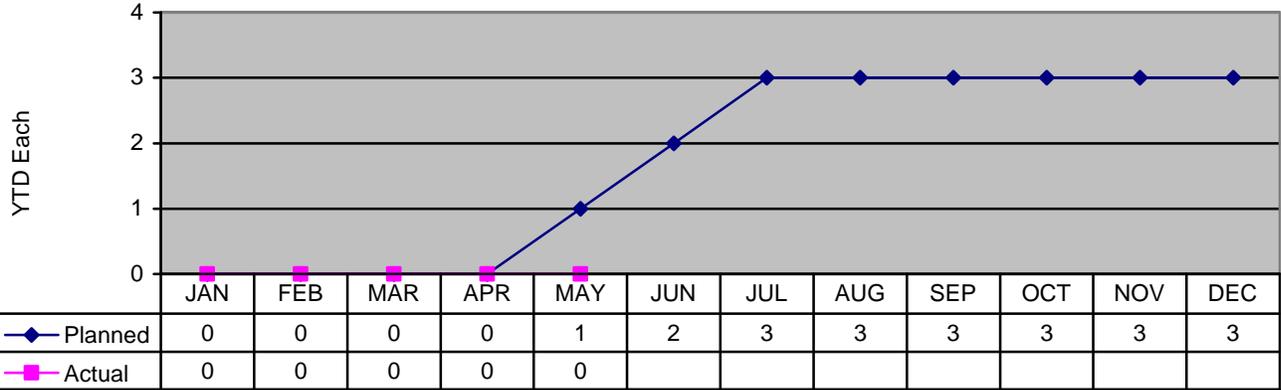
### Crosspans and Aprons - 42 CY



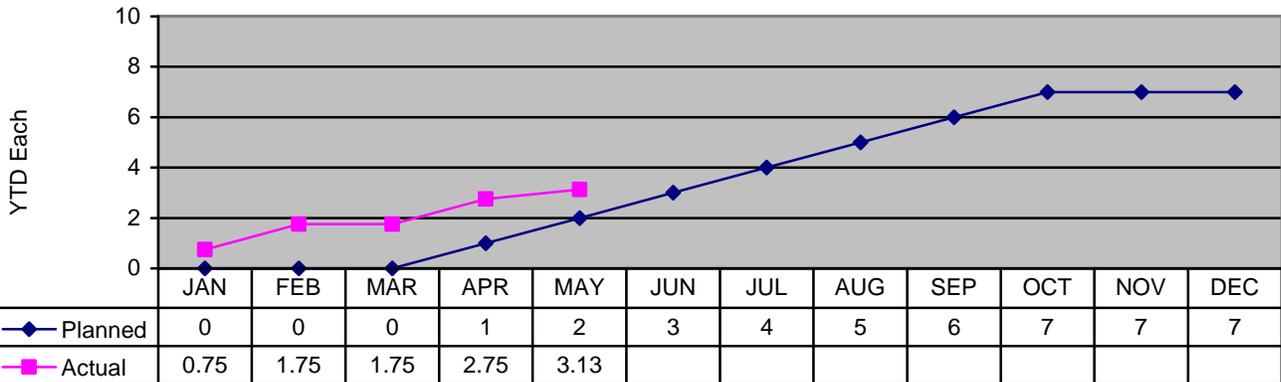
### Concrete Patching - 2,160 LBS



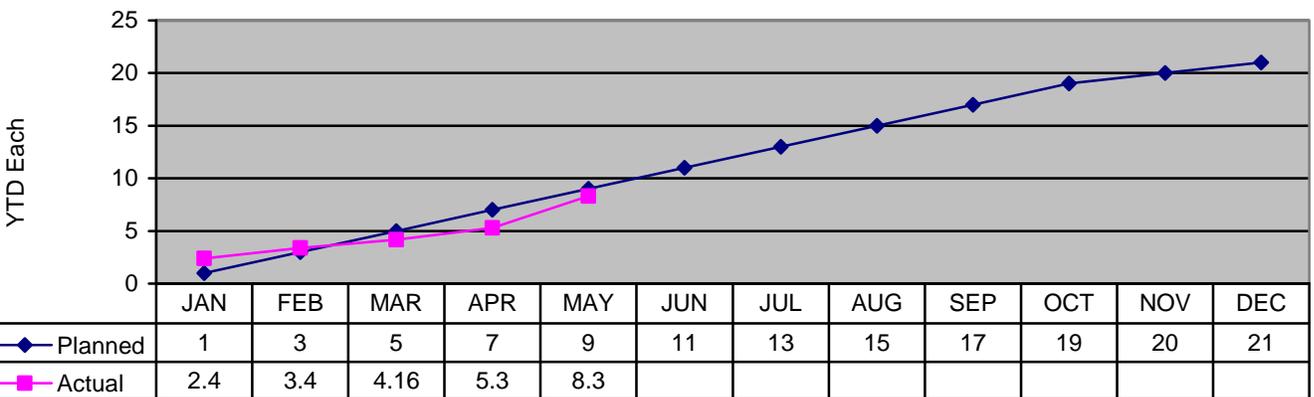
### Chase Drains - 3 EA



### Truncated Domes - 7 EA

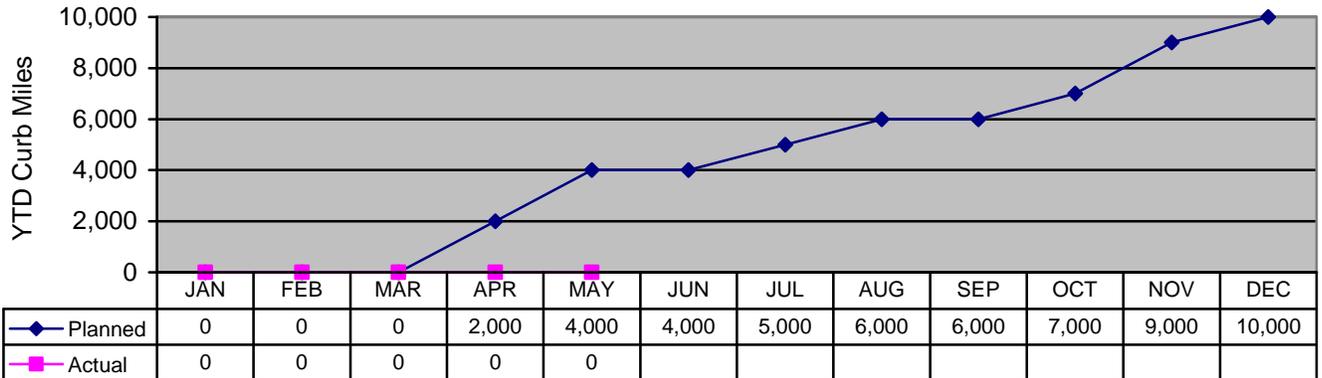


### Concrete Grinding - 21 EA

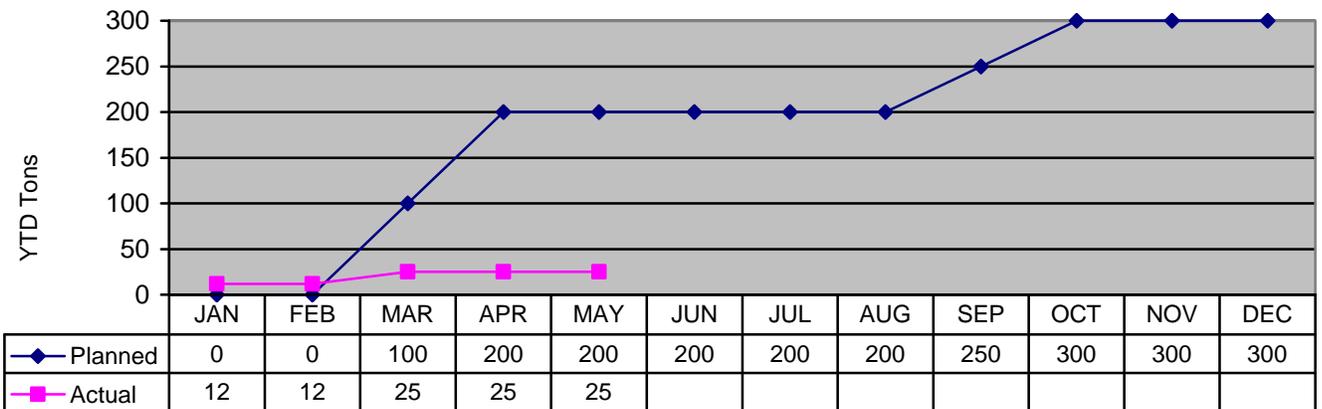


# Street Sweeping and Gravel Maintenance

## Street Sweeping - 3 Sweeps

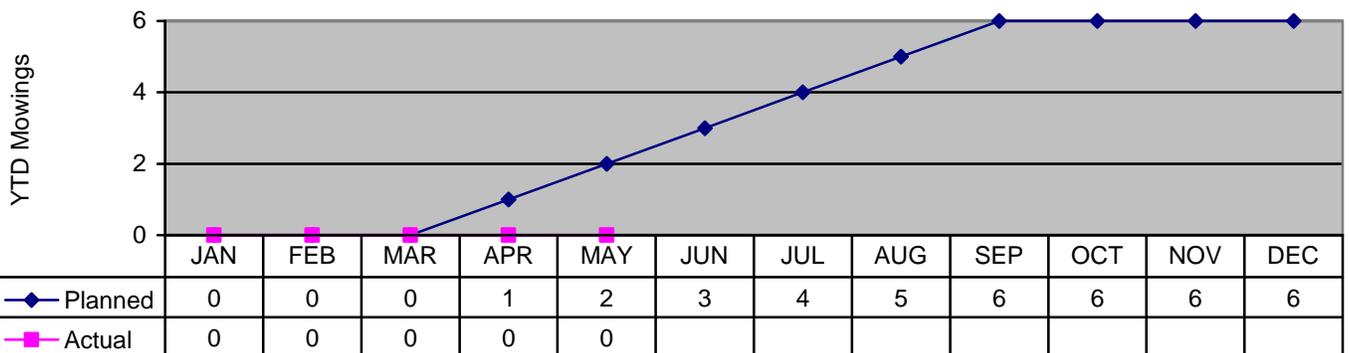


## Gravel Shoulder Maintenance - 300 Tons

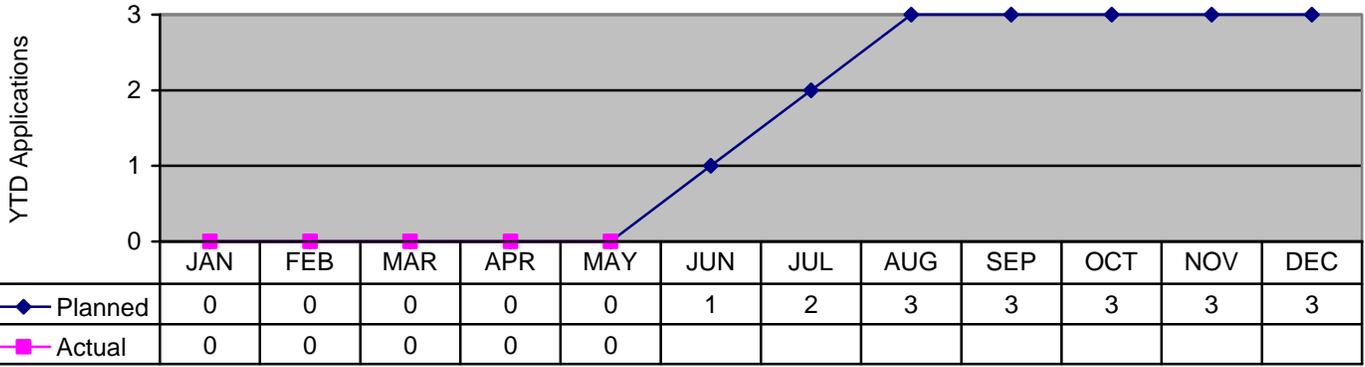


# Mowing, Debris and Weed Control

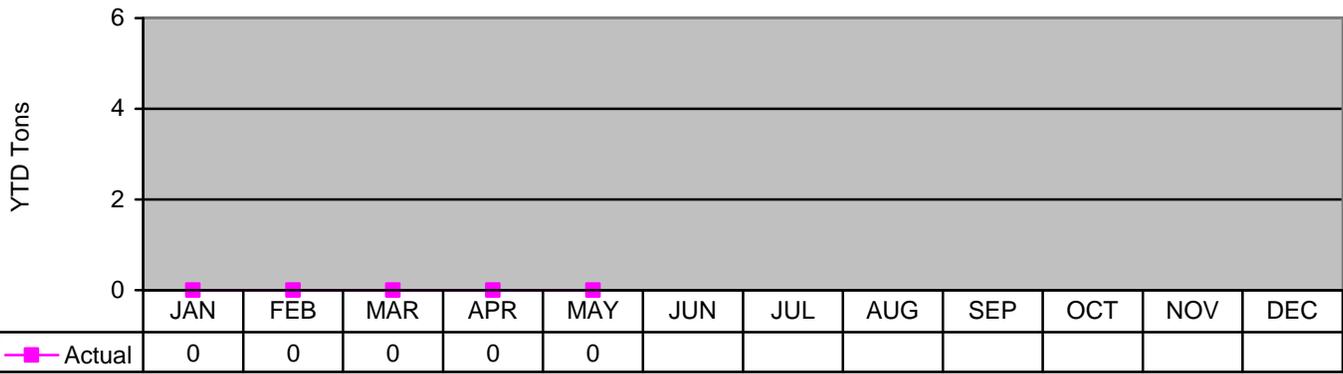
## Mowing - 6 Mowings



### Weed Control, Spraying - 3 Applications

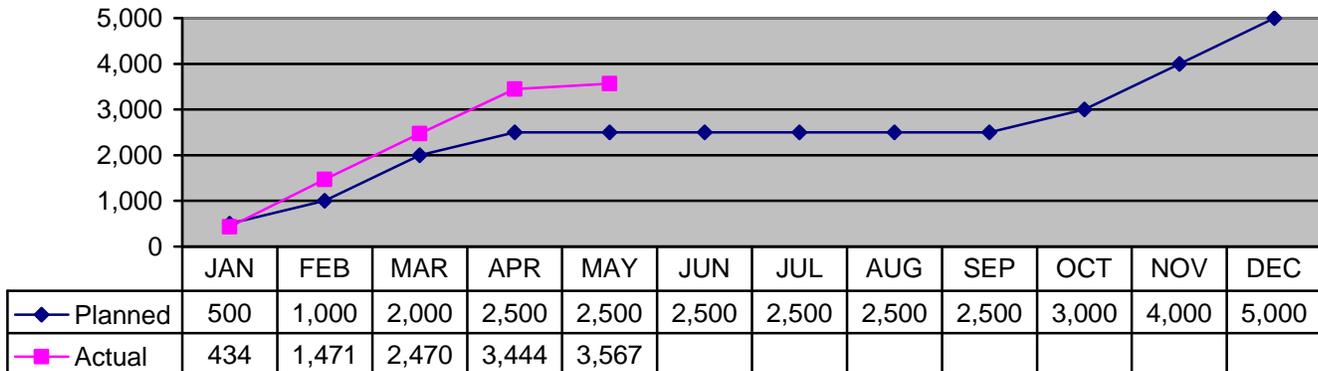


### Debris



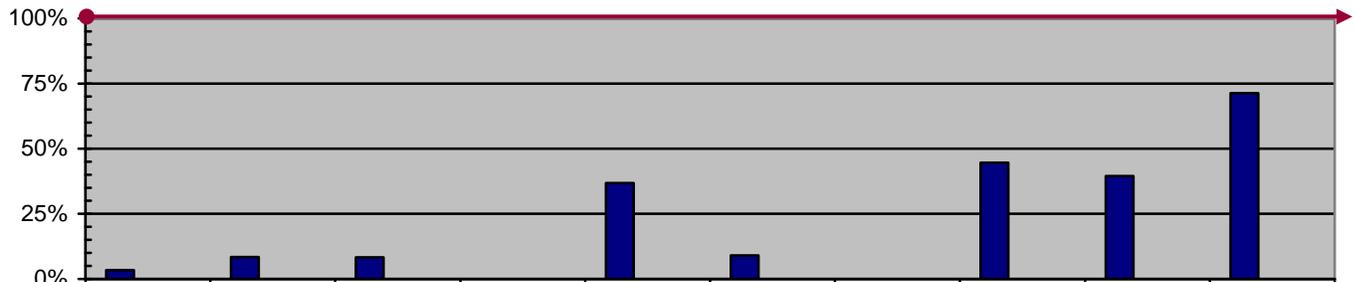
### Snow Removal

#### YTD CDL Hours



# 2013 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	3.47%	8.46%	8.33%	0.00%	36.88%	8.99%	0.00%	44.64%	39.52%	71.34%
■ 2013 Metric	2,000 T	45,000 LB	300 T	10,000 CM	423 CY	2,160 LBS	3 EA	7 EA	21 EA	5,000 HRS
□ Year to Date	69.39 T	3,807 LB	25 T	0	156 CY	194.15 LBS	0	3.13 EA	8.30EA	3,567 HRS

Tons = T

Pounds = LB

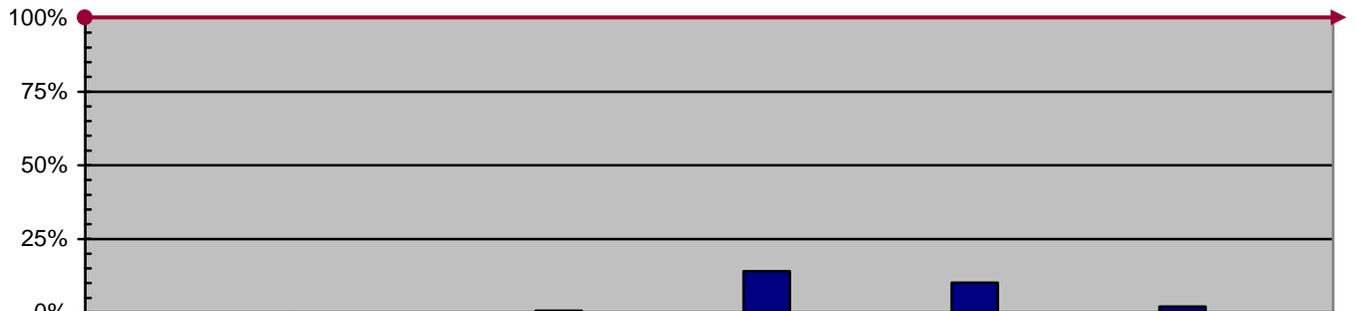
Curb Miles = CM

Cubic Yards = CY

Each - EA

Hours = HRS

## Traffic Engineering Activities - Percentage of Metric



	Striping	Thermoplastic Paint	Acrylic Paint	Traffic Counts	New Signs	Sign Inspections
■ Percentage	0.00%	0.00%	0.70%	14.00%	10.20%	2.03%
■ 2013 Metric	1,330,000 LF	15,000 SF	0	150 EA	500 EA	4,000 EA
□ Year to Date	0	0	263 SF	21 EA	51 EA	81 EA

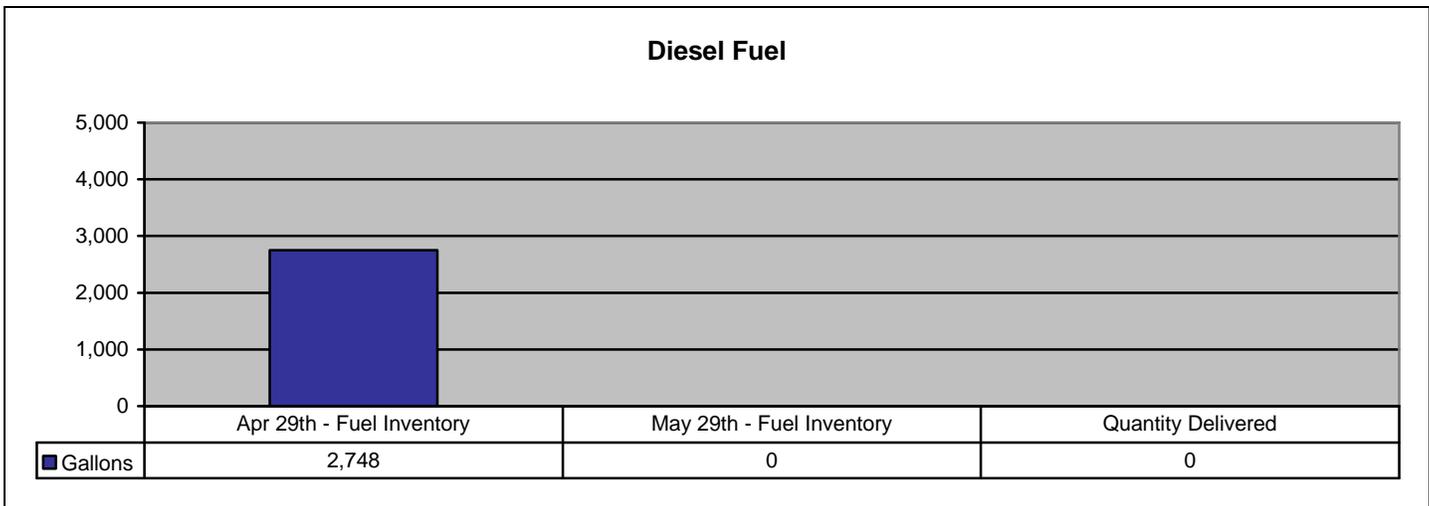
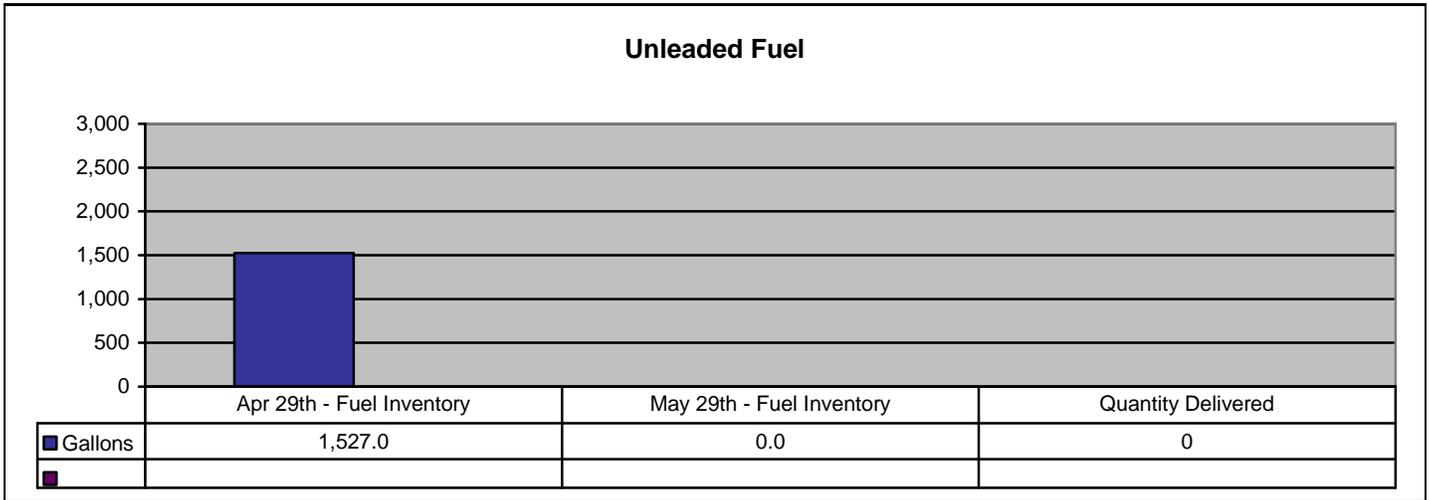
Linear Feet = LF

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. Public Works did not receive fuel deliveries, anticipating the relocation of the fuel tanks to the new Eagle facility.



## Snow Material Inventory

	Beginning Inventory	Delivered	Used	Ending Inventory
Liquid Material (Gallons)				
APEX (MgCl)	8,933	0	0	8,933
Brine	6,800	0	(2,300)	4,500
Solid Material (Tons)				
Salt	1,586	0	(37)	1,549

## 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.

	2013 Budget	Year-To-Date Expenditures	Remaining Balance
Animal Disposal			
Animal & Pest Control (Large Animals)	\$ 2,500.00	\$ (1,310.00)	\$ 1,190.00
Pet Cremation Services (PW)	\$ 1,000.00	\$ -	\$ 1,000.00
Asphalt/Coldmix Material	\$ 94,500.00	\$ (10,830.46)	\$ 83,669.54
Fuel	\$ 137,000.00	\$ (59,218.19)	\$ 77,781.81
Signal Additions/Repairs	\$ 199,590.00	\$ (40,798.82)	\$ 158,791.18
Signal (Pole) Maintenance	\$ 75,000.00	\$ -	\$ 75,000.00
Snow Removal Materials	\$ 342,770.00	\$ (55,812.85)	\$ 286,957.15