



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

## ACTIVITY

- [Citizen Response Center](#) – The total number of calls to 303.325.8000 and web requests received were 1,413.
- [Requests by Department](#) – The total number of work requests received were 1,606.
- [Compliance Summary](#) – Field and Traffic Services work requests were completed with 96%-100% compliance.
- [Right-Of-Way Permits](#) – There were 27 permits issued in March.
- [Traffic Maintenance](#) – Seven new signs were installed for the month.
- [Pavement Maintenance](#) – March pothole patching required 11.82 tons of asphalt.
- [Concrete Replacement](#) –
- [Street Sweeping and Gravel Maintenance](#) – Sweeping efforts are scheduled to begin in April.
- [Mowing, Debris, and Weed Control](#) – The mowing efforts will begin later in the year.
- [Snow Removal Activities](#) – There were a total of 1,001.5 CDL hours logged for snow removal services.
- [2013 Performance Measures](#) – Field Services and Traffic Engineering
- [Fuel Inventory](#) – Unleaded Fuel Usage and Diesel Fuel Usage
- [Snow Material Inventory](#) – 11,150 gallons of Apex, 7,000 gallons of brine and 523 tons of salt were used for the snowstorms in March.
- [City Budgets](#)

## REVENUE

The March right-of-way permit revenue, excluding pavement restoration fees, was \$16,588.60.

## PUBLIC WORKS MAJOR ACTIVITIES

- Completion of the Neighborhood Traffic Management Program (NTMP) project prioritization for 2013
- Completion of 2013 Crosswalk Plan
- Order of LED luminaires at signals
- Submittal of the Final Office Review (FOR) Design of the 2013 Hazard Elimination Program projects (Smoky Hill Road/Tower, Smoky Hill Road/ Liverpool and Buckley/Orchard)
- Submittal of the FOR Design of the 2013 Hazard Elimination Program signal at Potomac and Briarwood
- Completion of the 2011 Miscellaneous Equipment Purchase Program

## A LOOK AHEAD

- FOR FIR meetings for 2013 Hazard Elimination Program projects Smoky Hill Road (Tower, Liverpool) Buckley and Orchard and Potomac and Briarwood
- Initiate NTMP outreach to first priority neighborhood
- Begin the 2013 Sign inventory field work
- Prepare RAMP grant pre-submittals
- Begin construction management of High Intensity Activated Crosswalk (HAWK) beacon at the Centennial Trail crossing of Holly Street
- Moving from winter maintenance into spring and summer maintenance. Highlighted programs will be sweeping and concrete
- Pothole patching will continue to be an aggressive effort as the City emerges from the grip of winter

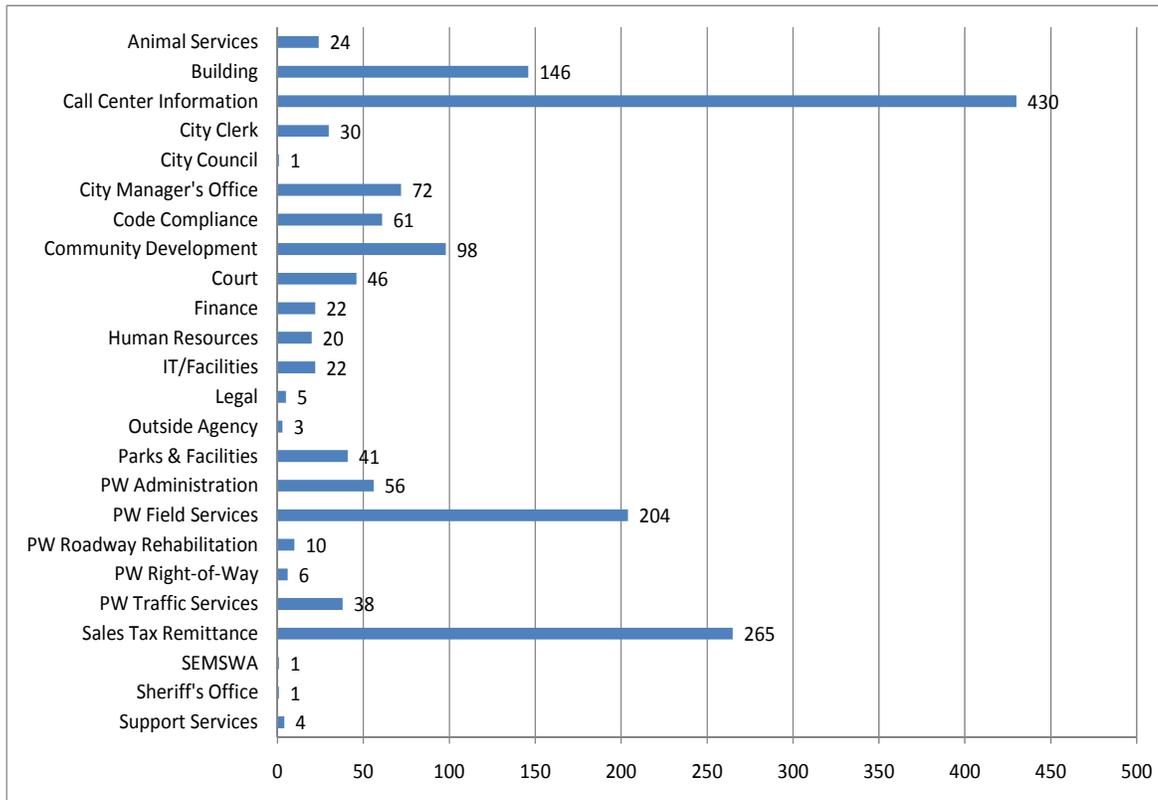
## Citizen Response Center

In March, the number of phone calls and web requests received by the City's 24-Hour Citizen Response Center, 303.325.8000, was 1,413; 65 were web requests. Only 49 calls were routed to the answering service during business hours, and a total of 44 calls were received after business hours. Overall, for the month of March, the Response Center had an 89% compliance metric of answering phone calls within 120 seconds and a 74% metric of responding to or acknowledging non-emergency citizen requests within a 24-hour period.

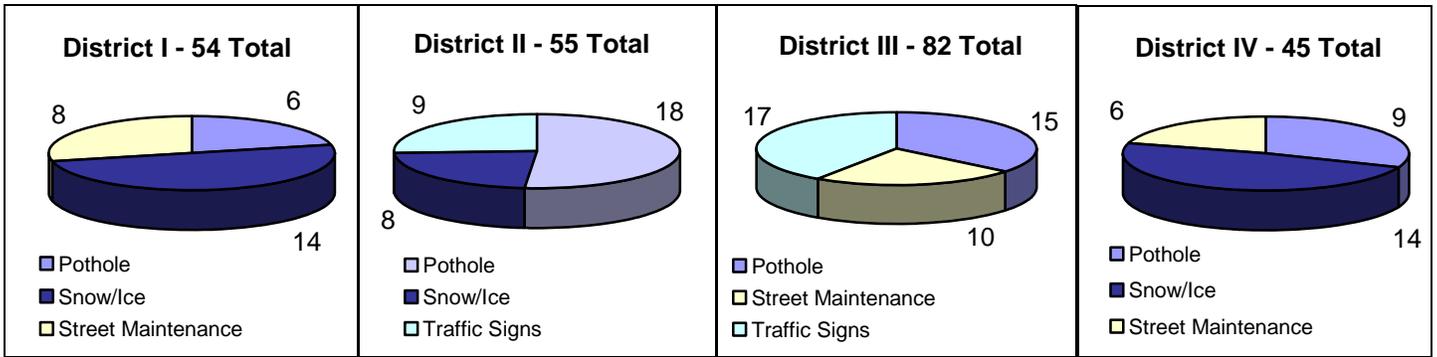
March 2013	Week 1	Week 2	Week 3	Week 4	MTD
	Mar 1-8	Mar 9-15	Mar 16-22	Mar 23-31	
Web Requests	20	18	15	12	65
Total Calls Handled by the Citizen Response Center	430	325	259	334	1,348
Total Metric for the Citizen Response Center	450	343	274	346	1,413
Total Calls Rolled Over to Answering Service <i>During</i> Business Hours	12	12	17	8	49
Total Calls Rolled over to Answering Service <i>After</i> Hours	9	15	10	10	44

## Requests Received by Department

The work requests received by the City for the month of March were 1,606.



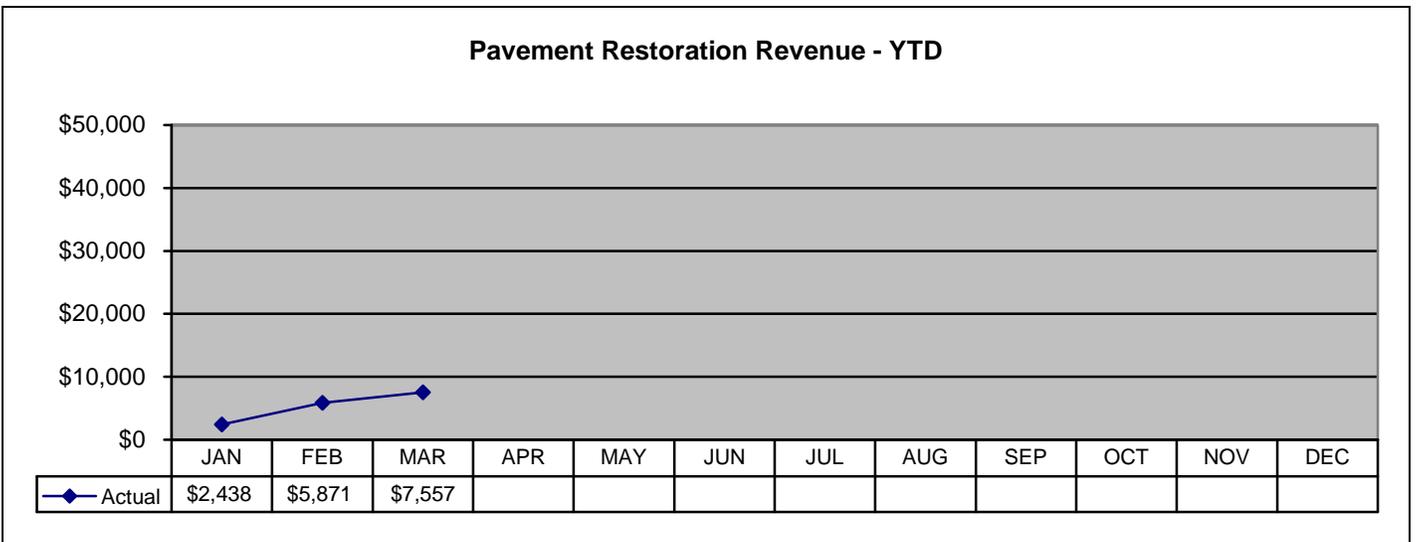
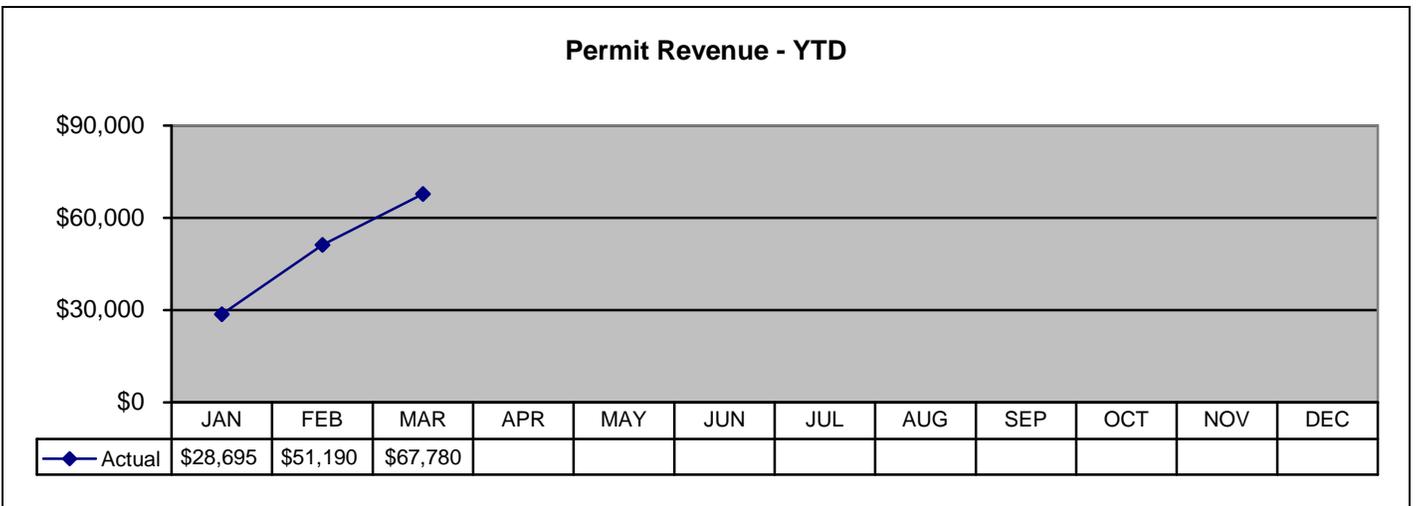
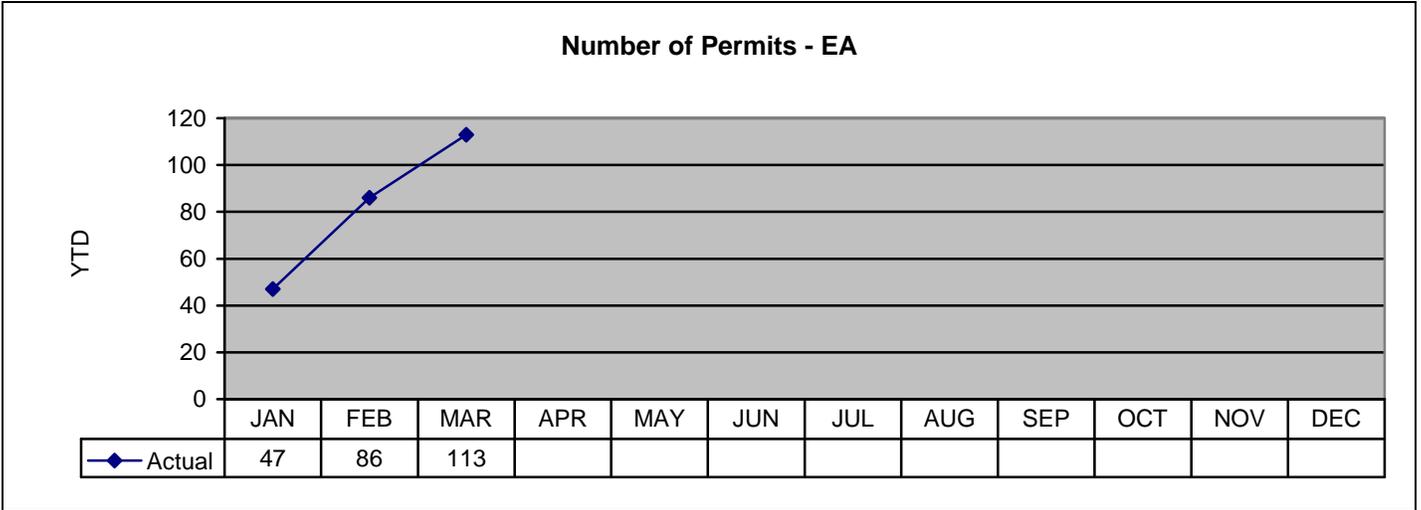
## Top 3 Work Request Issues by District



## Work Request Compliance Summary

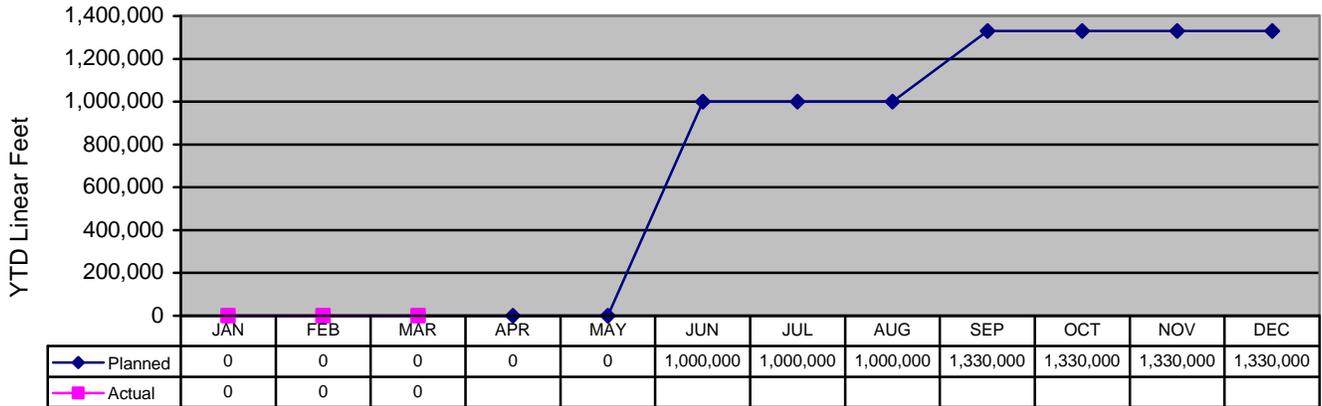
Field and Traffic Services					
Work Request by Priority	Received Total	Compliance Standard	Completed in Compliance	Compliance %	Average Days to Close
1 - Urgent (Completed within 24 Hours)	49	90%	47	96%	0
2 - Important (Completed within 3 Business Days)	55	90%	55	100%	1
3 - Standard (Completed within 10 Business Days)	47	90%	47	100%	2
4 - Preventative Maintenance (Scheduled Work)	96	N/A	N/A	N/A	N/A
5 - Street Rehabilitation	10	N/A	N/A	N/A	N/A
<b>Grand Total</b>	<b>257</b>				
Citizen Response Center					
Calls Answered Within 2 Minutes	Total Calls		Compliance Standard		Compliance %
	1,348		80%		89%

# Right-Of-Way Permits

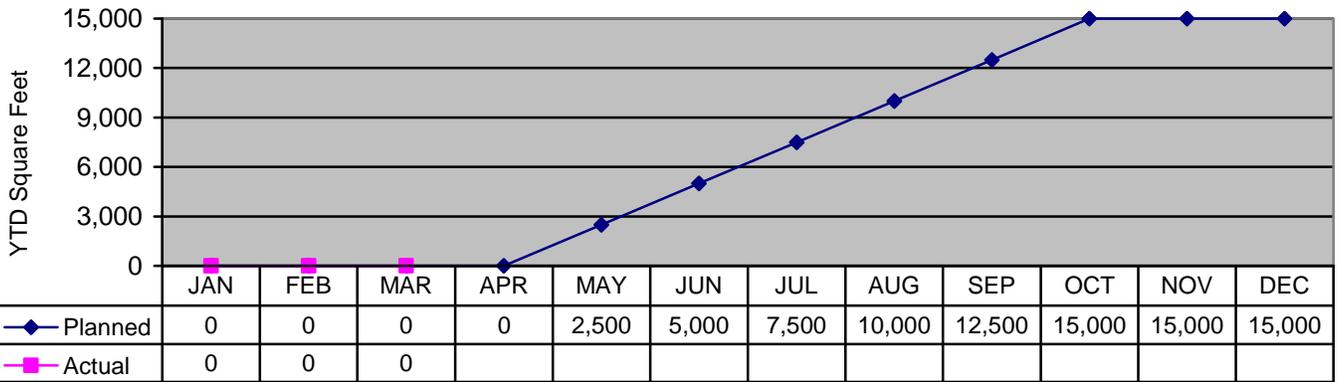


# Traffic Maintenance

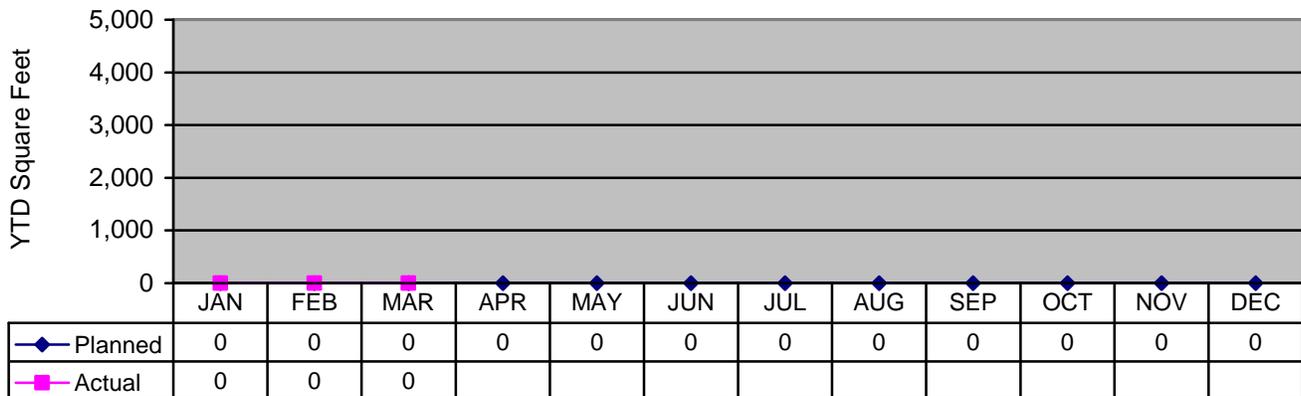
## Lane Striping - 1,330,000 LF



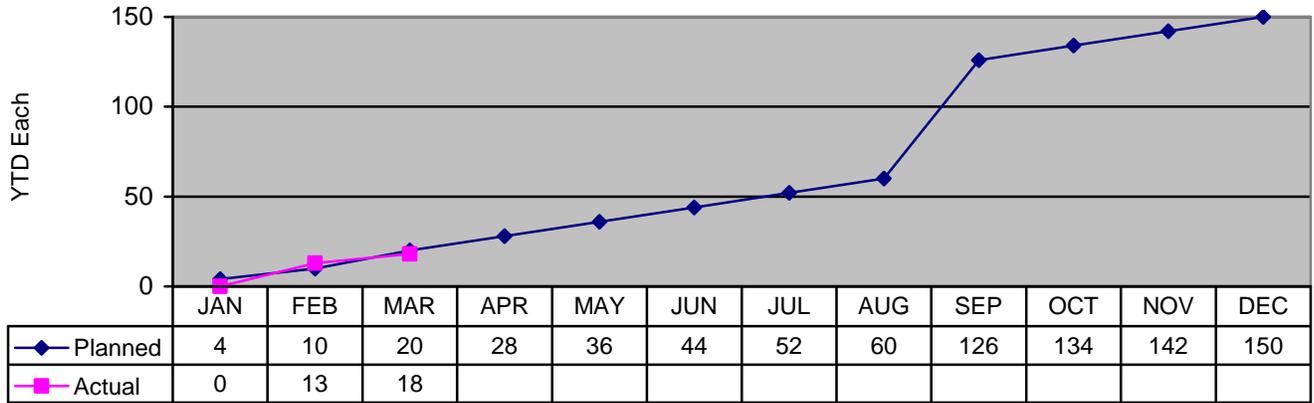
## Thermoplastic Crosswalks and Stopbars - 15,000 SF



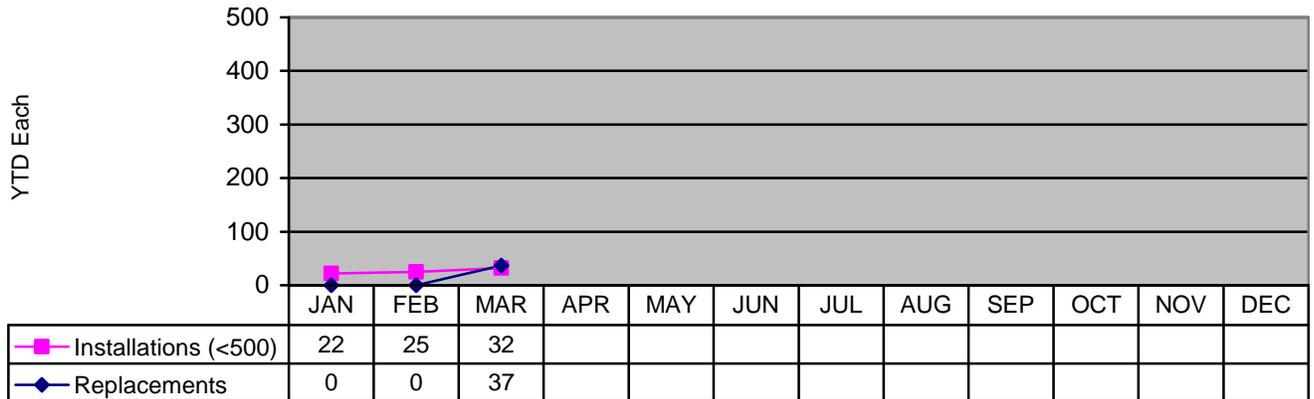
## Acrylic Paint Crosswalks and Stopbars - 0 SF



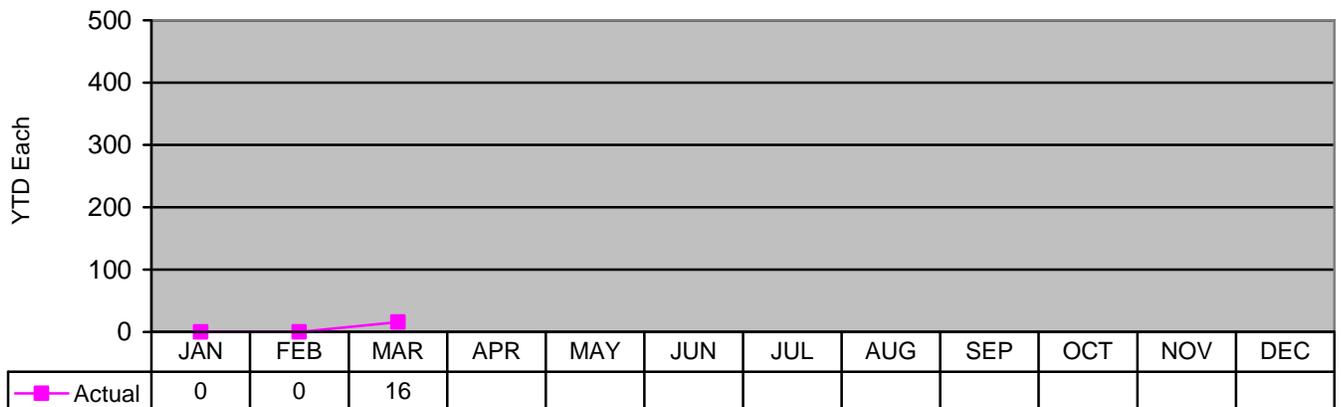
### Traffic Counts - 150 EA



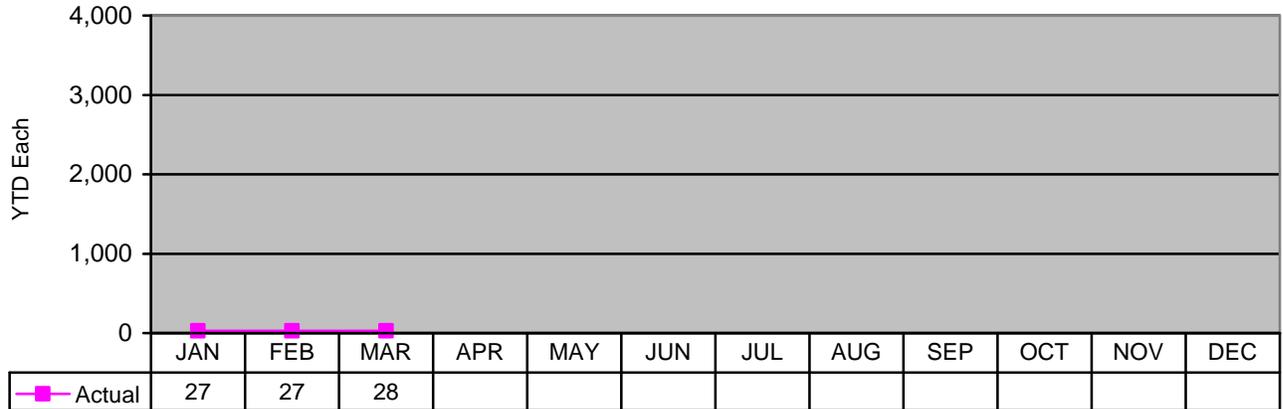
### New Sign Installation/Replacements



### Street Name Sign Replacements (Blue Signs) - EA



### Sign Inspections - Approximately 4,000

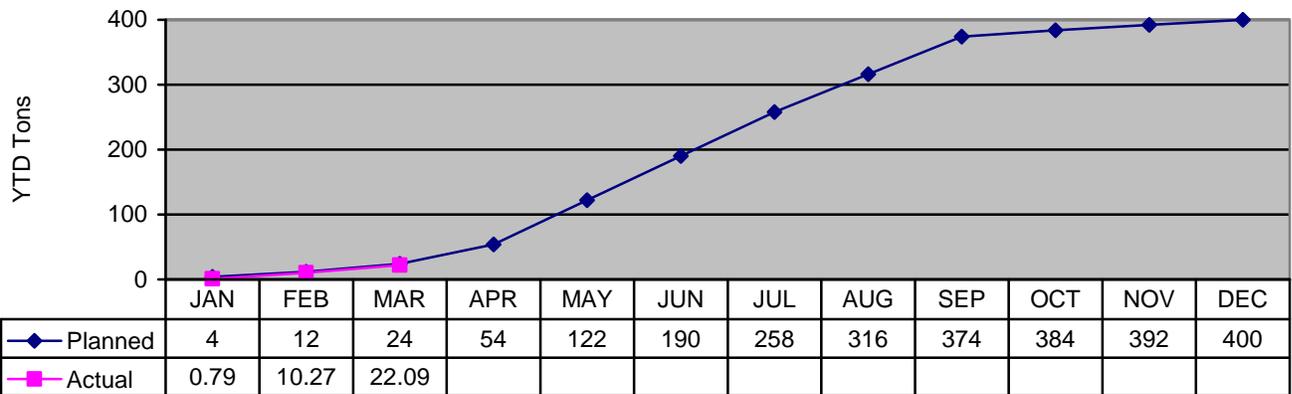


### Special Events Permits

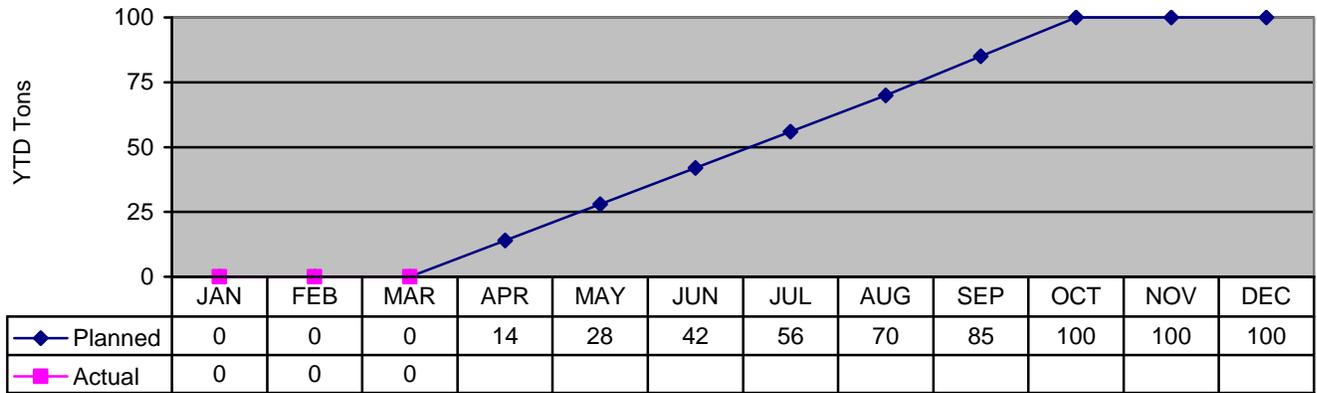
	Jan	Feb	Mar	YTD
<b>Average Review Time</b>	N/A	N/A	4 Days	4 Days
<b>Number of Permits</b>	0	0	1	1
<b>Cumulative Total</b>	0	0	1	0

### Pavement Maintenance

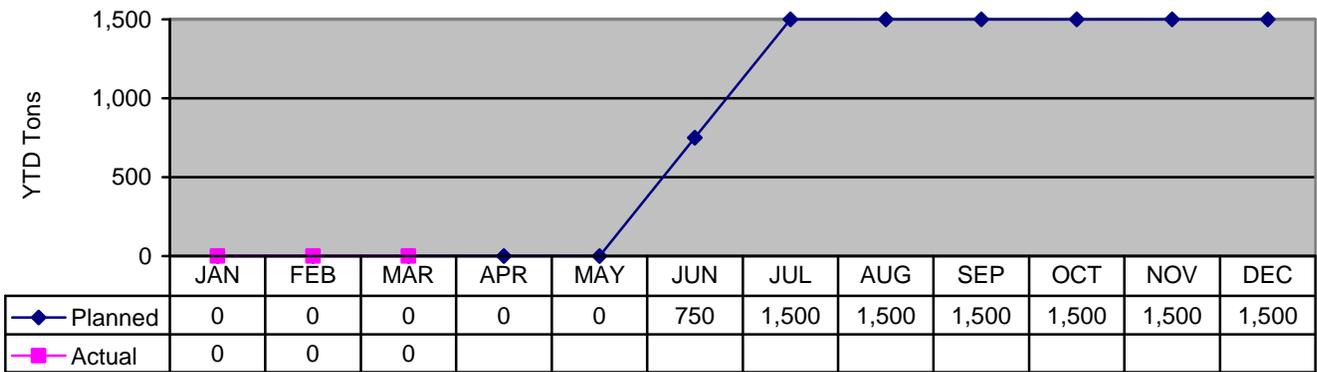
#### Pothole Patching - 400 Tons



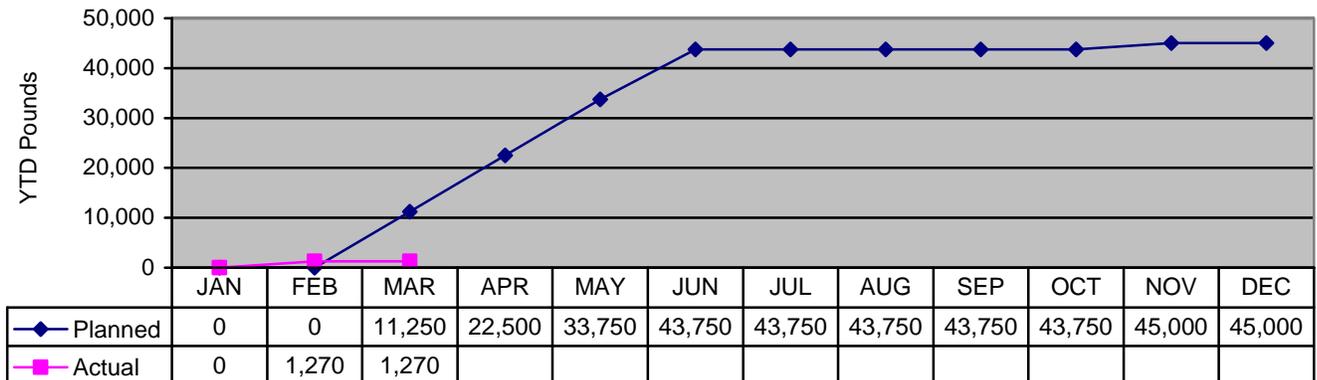
### Patch Back - 100 Tons



### Major Patching - 1,500 Tons

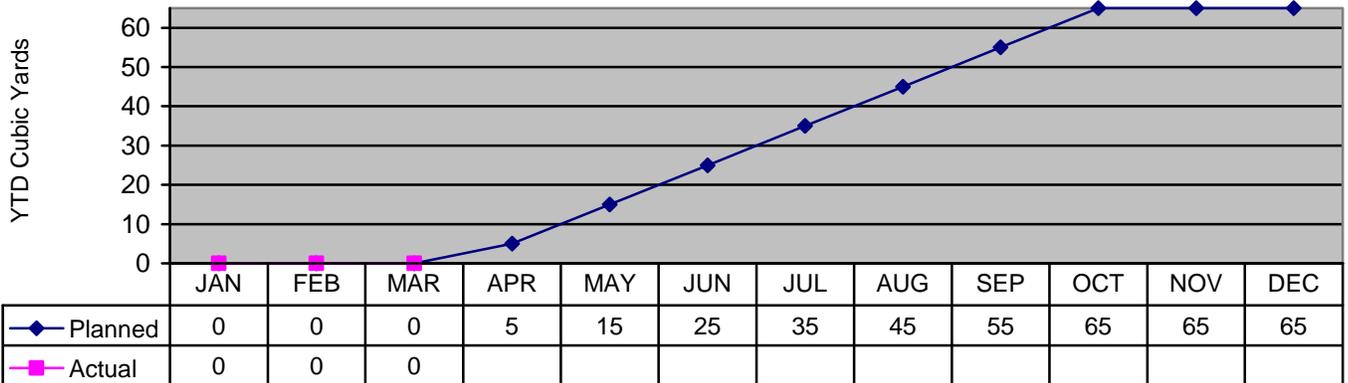


### Crack Seal - 45,000 LBS

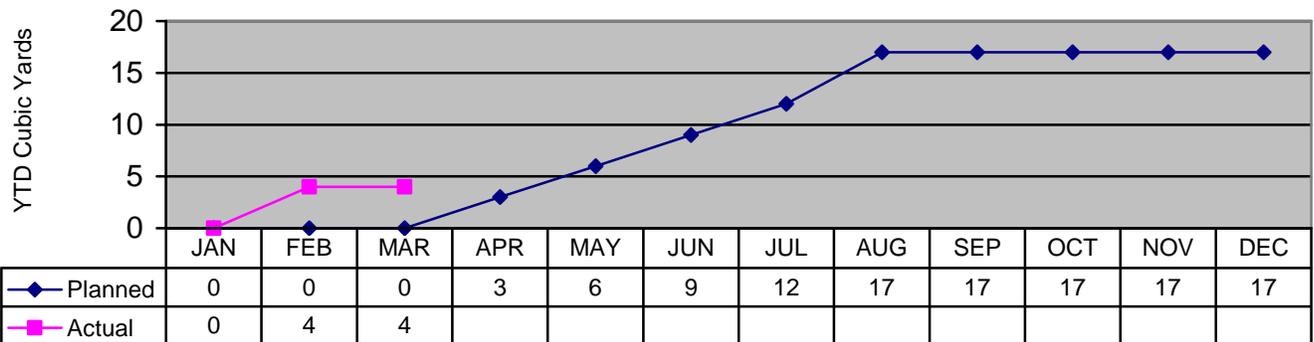


# Concrete Replacement

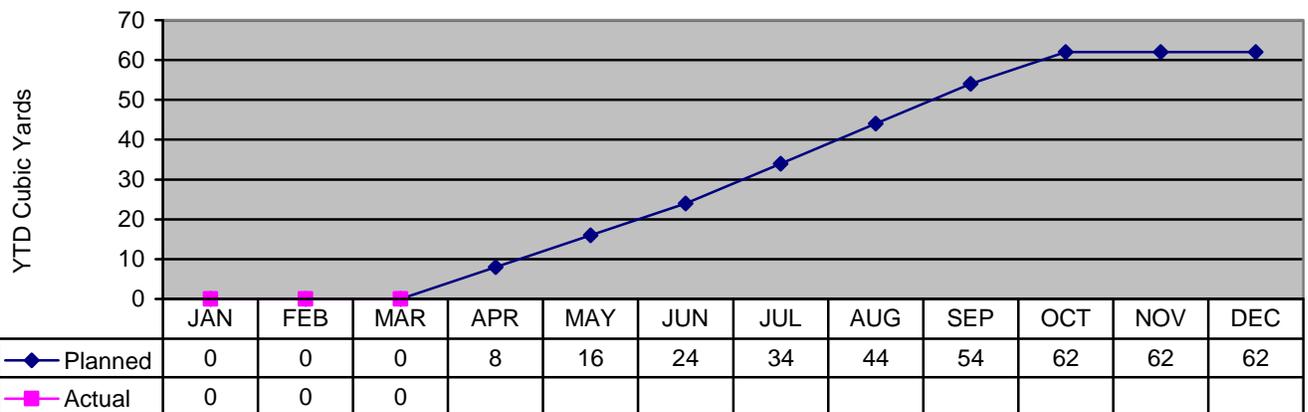
## Sidewalk - 65 CY



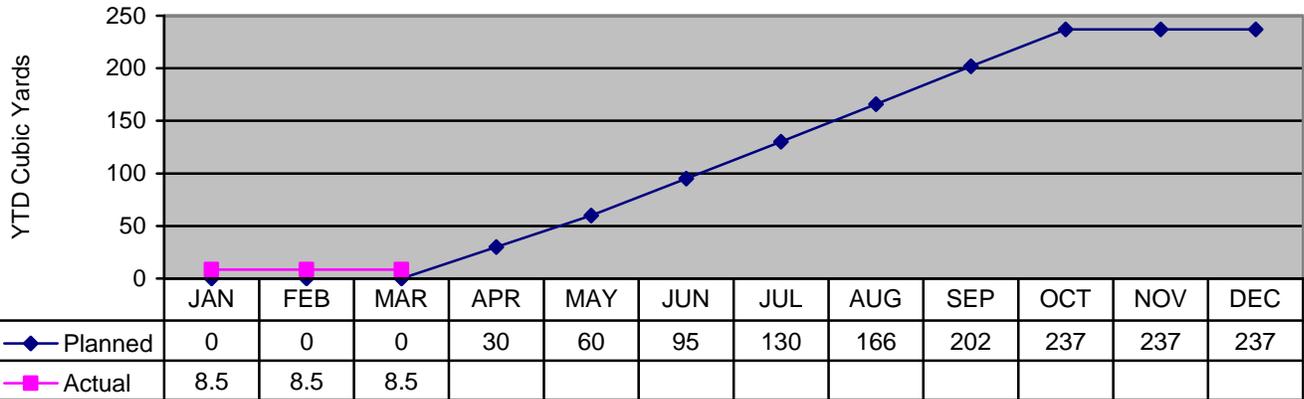
## ADA Ramps - 17 CY



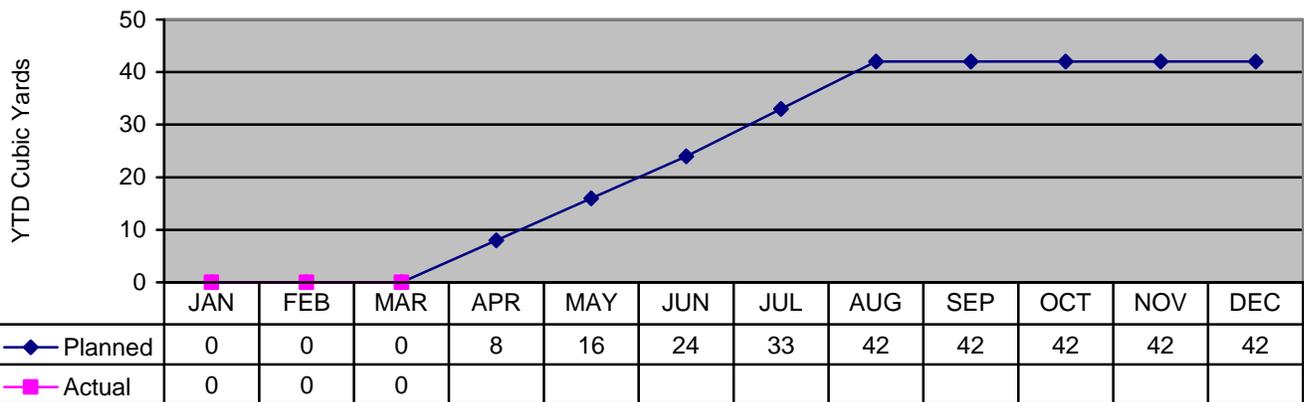
## Curb and Gutter - 62 CY



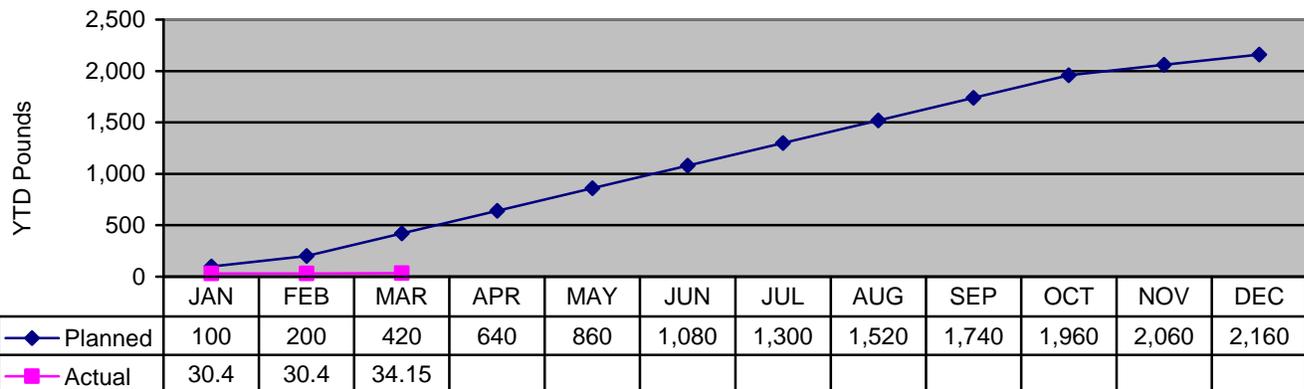
### Curb, Gutter and Sidewalk Combination - 237 CY



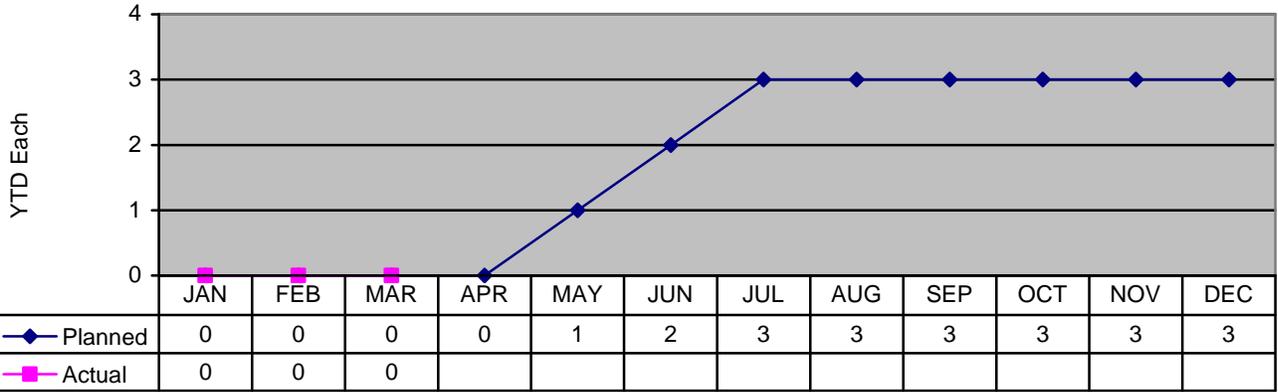
### Crosspans and Aprons - 42 CY



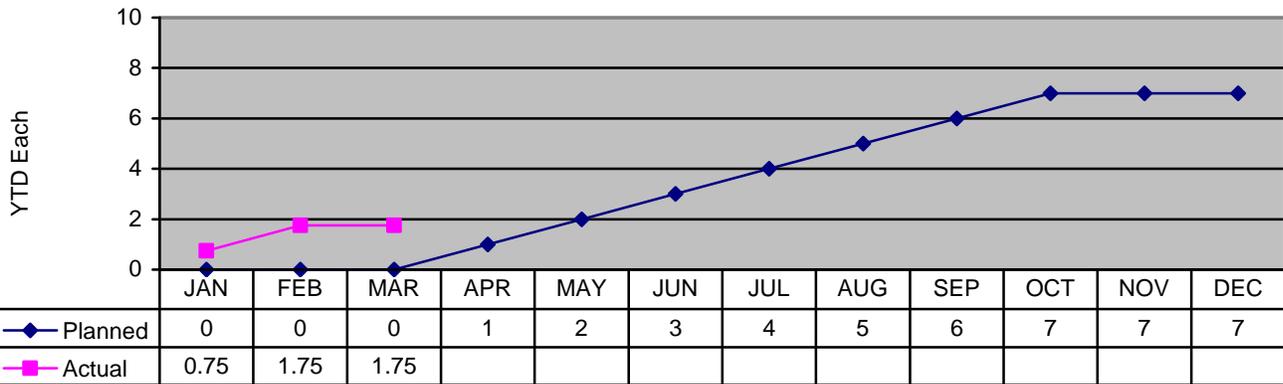
### Concrete Patching - 2,160 LBS



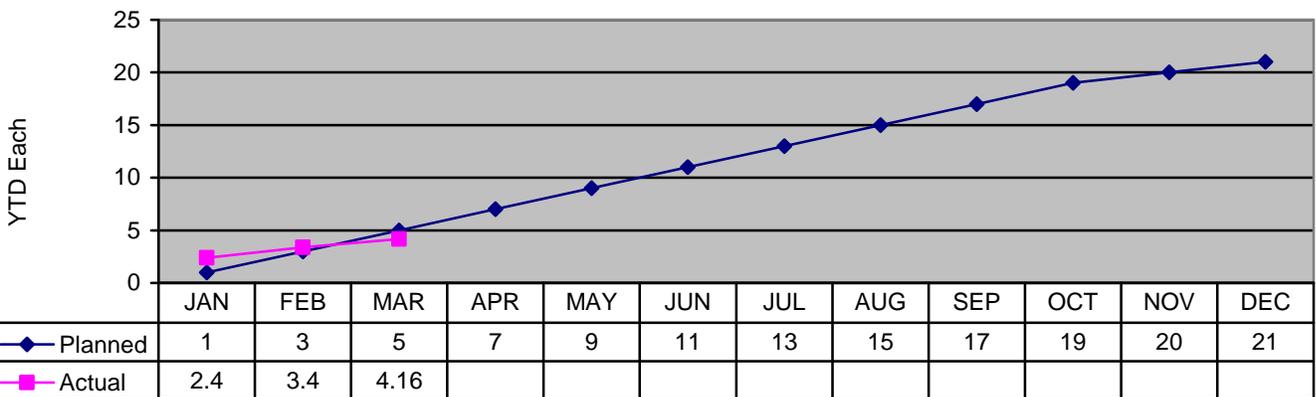
### Chase Drains - 3 EA



### Truncated Domes - 7 EA

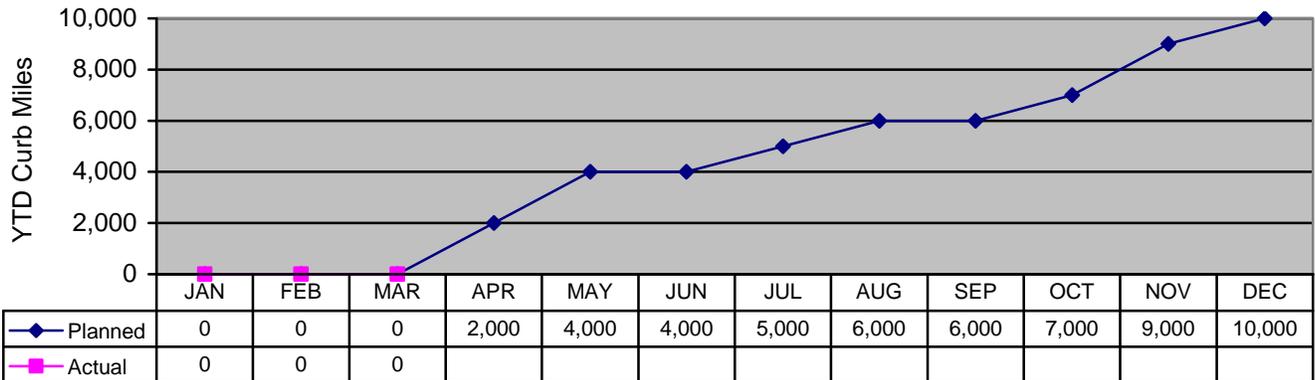


### Concrete Grinding - 21 EA

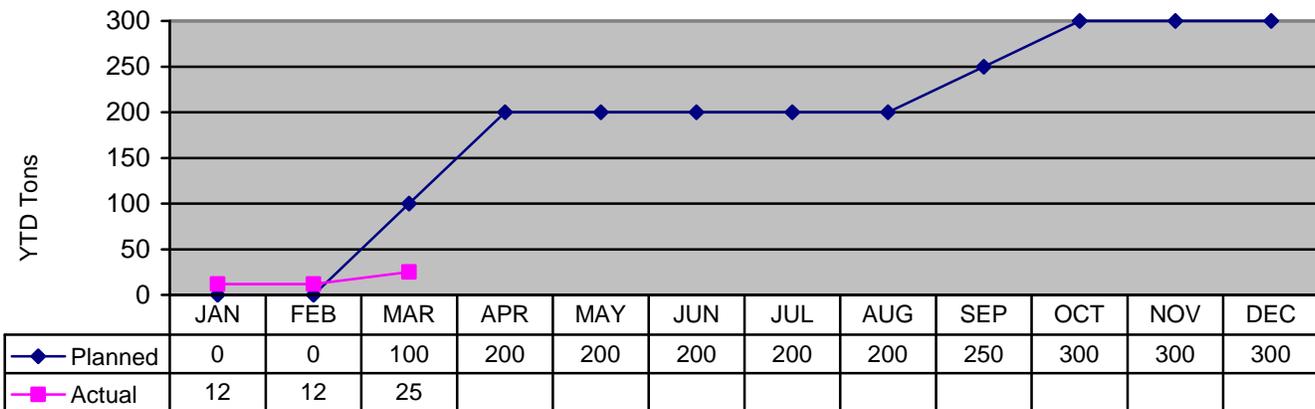


# Street Sweeping and Gravel Maintenance

## Street Sweeping - 3 Sweeps

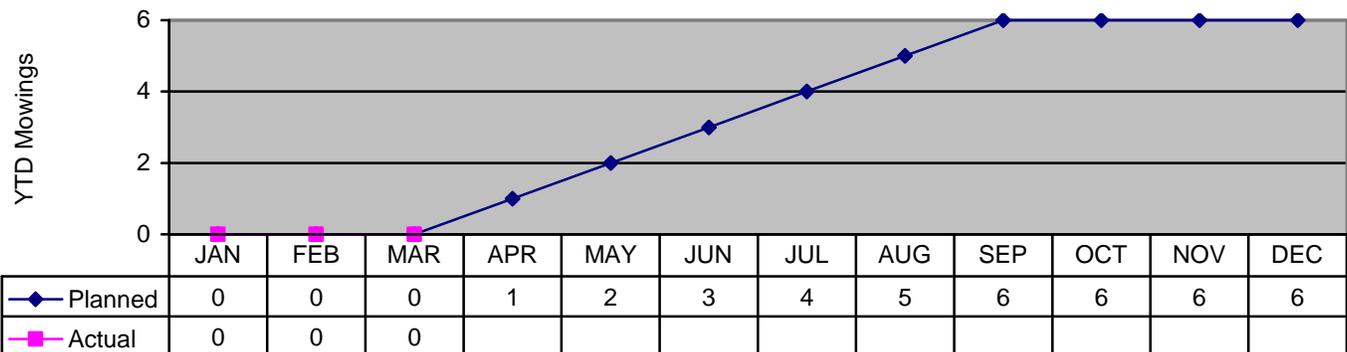


## Gravel Shoulder Maintenance - 300 Tons

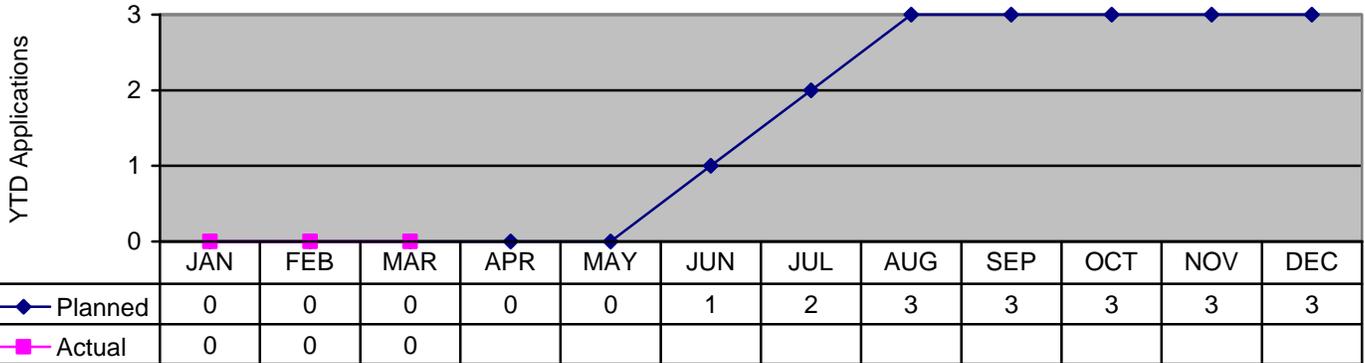


# Mowing, Debris and Weed Control

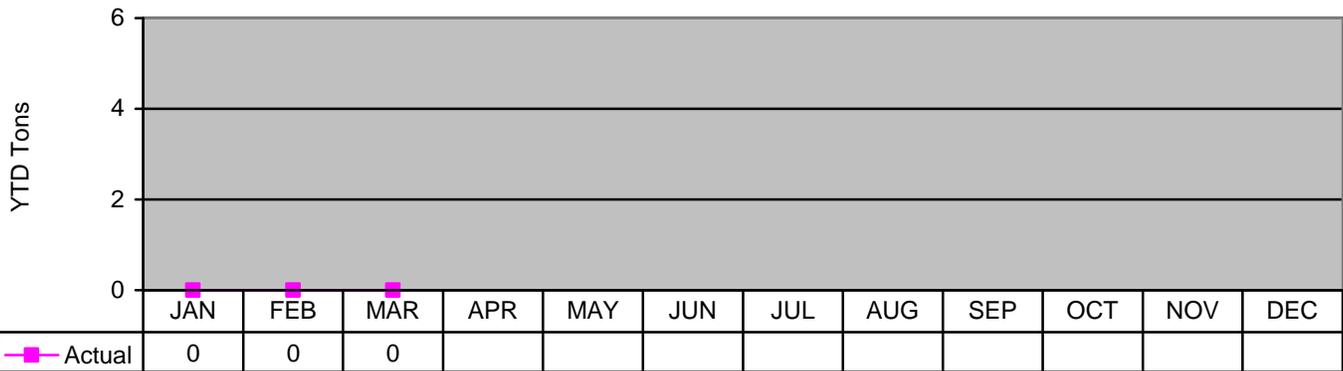
## Mowing - 6 Mowings



### Weed Control, Spraying - 3 Applications

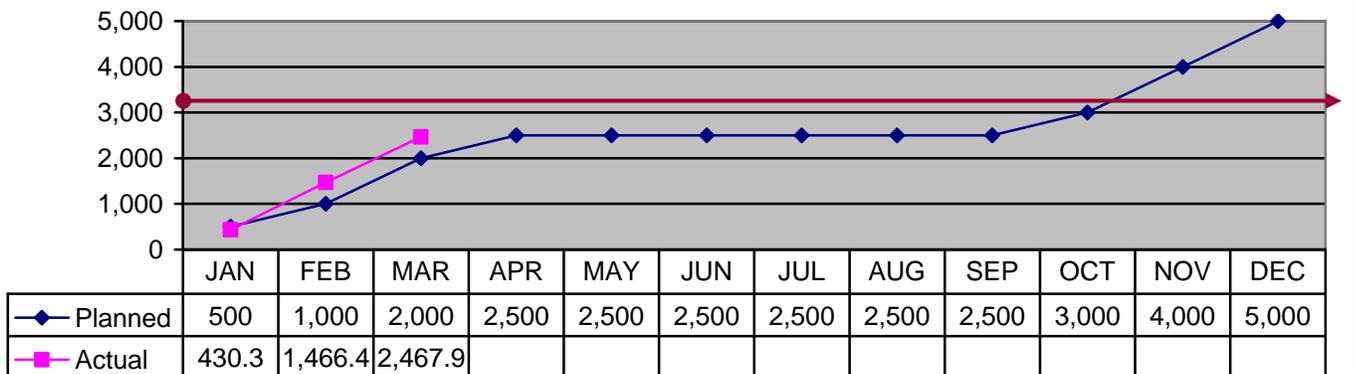


### Debris



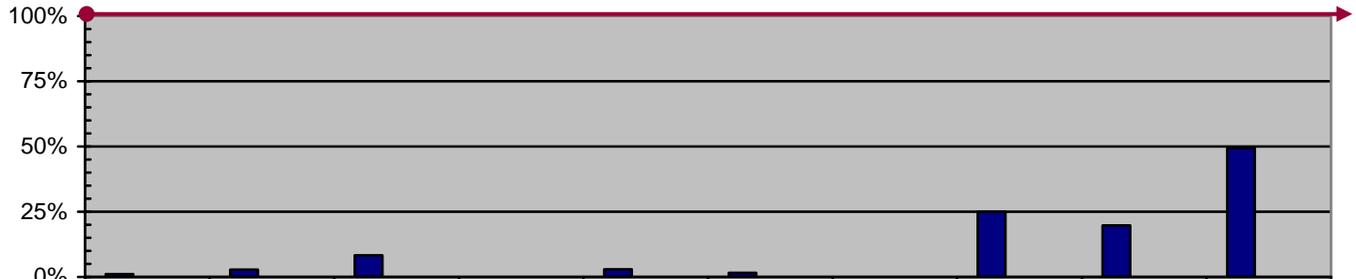
### Snow Removal

#### 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	1.10%	2.82%	8.33%	0.00%	2.96%	1.58%	0.00%	25.00%	19.81%	49.36%
■ 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	22.09 T	1,270 LB	25 T	0	12.5 CY	34.15 LBS	0	1.75 EA	4.16 EA	2,467.9 HRS

Tons = T

Pounds = LB

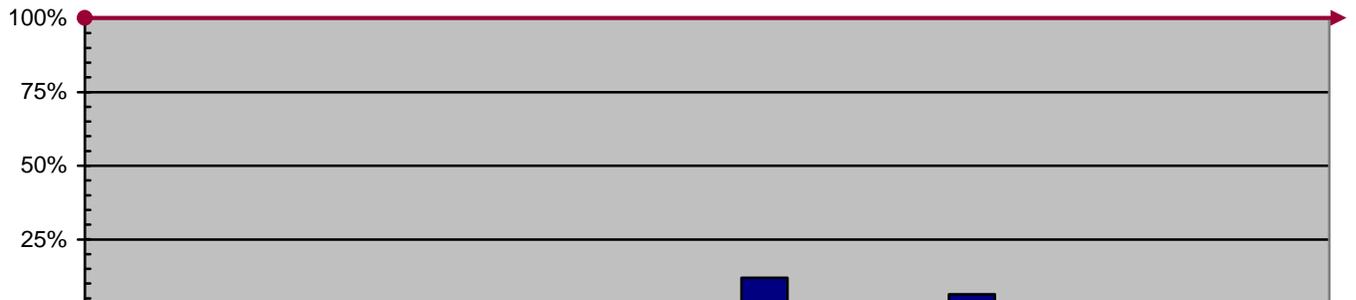
Curb Miles = CM

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%	0.00%	12.00%	6.40%	0.70%
■ 2013 Metric	1,330,000 LF	15,000 SF	0	150 EA	500 EA	4,000 EA
□ Year to Date	0	0	0	18 EA	32 EA	28 EA

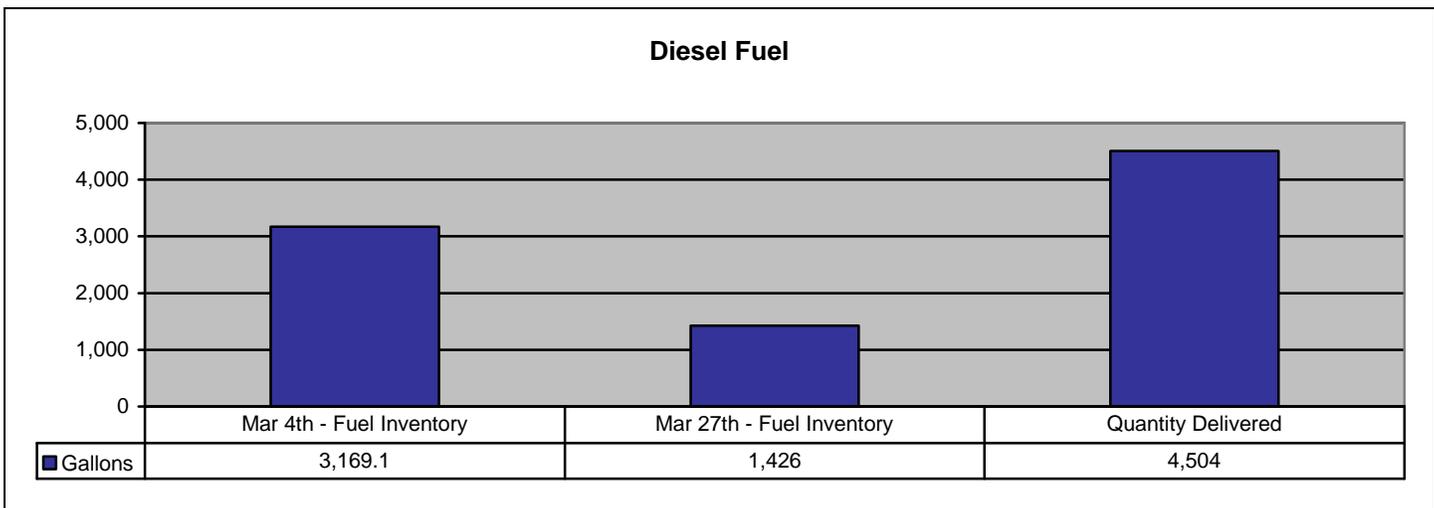
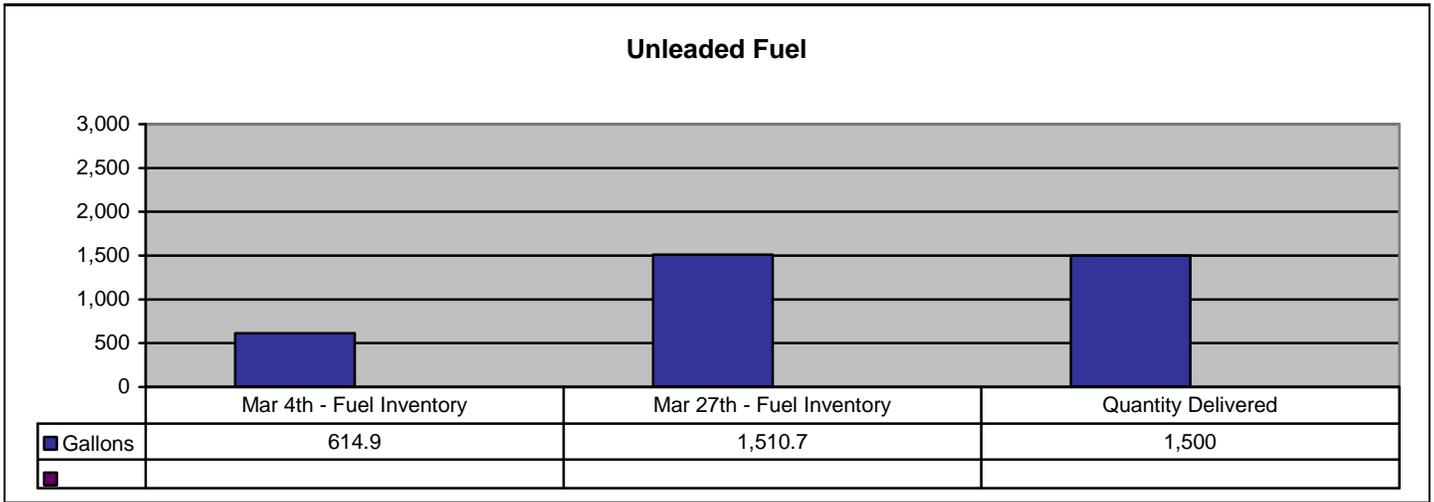
Linear Feet = LF

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

	Beginning Inventory	Delivered	Used	Ending Inventory
<b>Liquid Material (Gallons)</b>				
APEX (MgCl)	15,578	4,505	(11,150)	8,933
Brine	12,275	0	(7,000)	5,275
<b>Solid Material (Tons)</b>				
Salt	2,010	621	(523)	2,108

## 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.

	<b>2013 Budget</b>	<b>Year-To-Date Expenditures</b>	<b>Remaining Balance</b>
Animal Disposal			
Animal & Pest Control (Large Animals)	\$ 2,500.00	\$ (350.00)	\$ 2,150.00
Pet Cremation Services (PW)	\$ 1,000.00	\$ -	\$ 1,000.00
Asphalt/Coldmix Material	\$ 94,500.00	\$ (3,940.63)	\$ 90,559.37
Fuel	\$ 137,000.00	\$ (39,299.07)	\$ 97,700.93
Signal Additions/Repairs	\$ 199,590.00	\$ (20,097.78)	\$ 179,492.22
Signal (Pole) Maintenance	\$ 75,000.00	\$ -	\$ 75,000.00
Snow Removal Materials	\$ 342,770.00	\$ (43,536.07)	\$ 299,233.93