

**TRAFFIC ENGINEERING SERVICES
SIGNAL CONSTRUCTION/MAINTENANCE**

Fiscal Year 2008

Goal Statement

To protect motorists and pedestrians through the installation and maintenance of traffic signals.

Performance Measures	FY06 Actual	FY07 Actual	FY08 Budget	FY08 Actual	% Change FY07-FY08	Variance Number
Number of signalized locations and school flasher locations maintained	1,846	1,868	1,880	1,890	1%	
Number of signalized field maintenance tasks	12,462	9,421	12,500	8,470	-10%	
Number of repairs to controllers & peripherals	2,019	1,691	1,900	1,311	-22%	1
Number of streetlights maintained	1,852	1,588	1,535	1,548	-3%	
Percentage of equipment operating without breakdown	80	95	98	98	3%	
Percent of time emergencies are responded to within 1 hour	79	95	95	95	0%	
Percent of detection malfunctions repaired within 10 days	63	60	80	77	28%	2
Percent of time street light problems are responded to within 48 hours	76	96	97	97	1%	
Percent of time "knock down" signals are repaired within 24 hours	74	100	100	100	0%	
Percent of time customers requests are initially responded to within 24 hours	77	99	99	99	0%	
Average cost to install a mast arm (\$)	N/A	N/A	17,704	18,412	N/A	

Explanation of variances greater than 15 percent:

- 1** Number of repairs to controllers and peripherals decreased from the prior fiscal year due to staff re-allocation from the electronic repair shop to the traffic signal field crew.
- 2** Percent of detection malfunctions repaired within 10 days increased due to the assignment of additional staff to this task in FY08.