

**TRAFFIC ENGINEERING SERVICES
SIGNAL CONSTRUCTION AND MAINTENANCE**

Fiscal Year 2007

Goal Statement

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

Performance Measures	FY05 Actual	FY06 Actual	FY07 Budget	FY07 Actual	% Change FY06-FY07	Variance Number
Number of signalized locations and school flasher locations maintained	1,841	1,846	1,853	1,868	1%	
Number of signalized field maintenance tasks	12,667	12,462	13,000	9,421	-24%	1
Number of repairs to controllers & peripherals	2,351	2,019	1,900	1,691	-16%	2
Number of streetlights maintained	3,750	1,852	1,700	1,588	-14%	
Percentage of equipment operating without breakdown	96	80	98	95	19%	3
Percent of time emergencies are responded to within 1 hour	92	79	95	95	20%	4
Percent of detection malfunctions repaired within 10 days	91	63	90	60	-5%	
Percent of time street light problems are responded to within 48 hours	95	76	96	96	26%	5
Percent of time "knock down" signals are repaired within 24 hours	99	74	100	100	35%	5
Percent of time customers requests are initially reponded to within 24 hours	86	77	99	99	29%	5

Explanation of variances greater than 15 percent:

- The number of signalized field maintenance tasks has decreased from last year because the division's FastTrac system now takes multiple phase work orders and reports it as a single work order. The section also has a reduction in staffing due to retirements, attrition, and open positions.

- 2 The number of repairs to controllers and peripherals has decreased from last year because one staff member from the repair shop was reallocated to other responsibilities.
- 3 The percentage of equipment operating without breakdown increased from last year because FY06 included Hurricane Wilma repairs that caused more wear-and-tear and equipment damages due to the nature of the work. In FY07 the section returned to normal operating levels without as frequent breakdowns
- 4 FY06 included a very high level of emergency work orders due to Hurricane Wilma, and all response times tended to be somewhat longer than typical. FY07 improved back to more normal response times.
- 5 The response times have increased from last year because Hurricane Wilma affected FY 06 response time significantly. The response times for this year are back to normal levels.