

**HIGHWAY CONSTRUCTION & ENGINEERING SERVICES
ENGINEERING MANAGEMENT & DESIGN**

**Fiscal Year 2008
2nd Quarter**

Goal Statement

To manage the design and construction of roadway improvement projects within the adopted transportation capital improvement program to ensure safe and adequate transportation facilities for the public and to provide design and construction management services for in-house projects and provide professional services to other agencies.

Performance Measures	FY 2007 Year-to-Date	FY 2008 Year-to-Date	FY 2008 Projected	
Dollar value of roadway construction	27,500,000	71,500,000	63,000,000	1
Number of lane-miles under construction	20	41	36	1
Value of professional engineering services (\$)	1,618,096	1,140,480	1,059,264	2
Construction plus design & inspection value in dollars for roadway projects managed per PM (of four PM's)	14,644,928	17,875,000	14,250,000	1
Average value in dollars of professional engineering services per employee (annual employee numbers vary)	134,842	103,680	96,269	2
Percent of roadway projects completed with no more than 10% change orders added	100	100	75	
Percent of design and/or construction management professional engineering services commenced within 30 days of receiving required engineering information	90	90	81	
Percent of roadway projects completed with no more than 25% increase in contract time	100	100	75	
Total number of design and construction management projects	54	40	27	3
Percent of design and construction management projects provided for other Agencies and Public Works Divisions	60	50	50	
Percent of total available capital funds expended, obligated (by Purchase Order or Agreement), or committed (via Purchase Requisition)	49	58	67	

Notes

- 1 The dollar value, as well as the number of lane-miles, of roadway construction is higher than at this point in previous FY due to four projects that have either started construction or have had bid openings in latter half of FY 07 and first half of FY 08. Corresponding construction dollar value per project manager has increased also, mainly due to a project manager position vacancy, which the division is in the process of filling.
- 2 The value of professional engineering services, as the well as the average value of same per employee, has decreased from this point in previous FY since emphasis has shifted more to construction as opposed to design phase. In addition more projects are now being inspected in-house rather than by consultants.
- 3 The total number of projects is lower than at this point in previous FY due to the fact that no new projects have been added to the Capital Program, primarily due to budget constraints.