

# TRANSMITTAL

**TO:** Tom Pridgen

**RE:** Updates for Website

**FROM:** Mike Davis

**Type of Update:**

New Criteria

Addendum

Lessons Learned

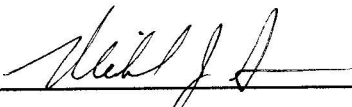
**DATE:** December 20, 2006

I am sending you  Attached  
 Under Separate Cover  
 Included

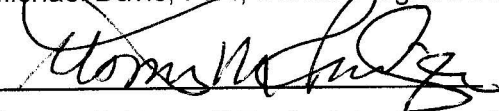
The following item(s) are for review and concurrence:

COPIES	DATE	No. of Sheets	DESCRIPTION
1	12/20	5	Lessons Learned from Design Errors or Omissions

**REMARKS:** The attached represents Lessons Learned from construction projects that have had repetitive problems or "big ticket" claims. These items will be added to the Design website under the Lessons Learned button.

Concurrence:   
Michael Davis, P.E., Senior Program Manager

12/20/06  
Date

Concurrence:   
Thomas Pridgen, P.E., Assistant Turnpike Design Engineer

12/20/2006  
Date

**The top of the pile reinforcing steel was accounted for twice in the final estimate**

During construction the Consultant found that the quantity for the top 60 feet of the pipe pile reinforcing steel had been accounted for twice. The Subcontractor was compensated for overhead costs spread throughout the entire reinforcing steel quantity. When the amount of steel was reduced, the overhead was included in that reduction. A Supplemental Agreement covered the balance of the overhead for the reduced quantity of steel. This issue was the result of a plan error, but added cost was negotiated with no premium cost.

**Lesson Learned:** *When developing plan quantities, the designer must be familiar with the FDOT Basis of Estimates Handbook. Consultant training on this subject is strongly recommended.*