

# TRANSMITTAL

**TO:** Tom Pridgen

**RE:** Updates for Website

**FROM:** Mike Davis

**Type of Update:**

**DATE:** December 14, 2004

New Criteria

Addendum


Lessons Learned

I am sending you  Attached  
 Under Separate Cover  
 Included

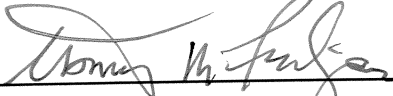
The following item(s) are for review and concurrence:

COPIES	DATE	No. of Sheets	DESCRIPTION
1	12/14	3	Lessons Learned Items from Errors & Omissions Database

**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., Program Manager

12/14/04  
Date

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

12/20/04  
Date

## **Conflicts with underground structures/utilities**

A section of pipe is in conflict with guardrail posts, light pole bases, gantries, signs, etc. One example was light pole bases in conflict with a potable water line. The pole locations were shown on the electrical plans, but the underground utilities were not, and they ended up in conflict when the light pole bases were installed. Another example is the installation of guardrail directly over newly installed storm drainage pipe. The plans depicted the location of the pipe and also showed the guardrail's location to be in close proximity to it. The Standard Index dictated the guardrail's final location. They ended up in conflict and the pipe had to be relocated.