

TRANSMITTAL

TO: Tom Pridgen

RE: Updates for Website

FROM: Mike Davis

Type of Update:

New Criteria

Addendum

Lessons Learned

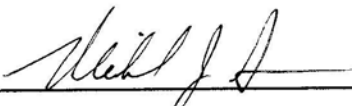
DATE: December 20, 2006

I am sending you Attached
 Under Separate Cover
 Included

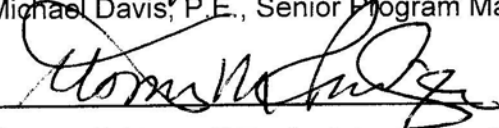
The following item(s) are for review and concurrence:

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

LESSONS LEARNED FROM DESIGN ERRORS OR OMISSIONS

Steel grates not called for at drainage end-walls

It was necessary to install the steel grating for safety reasons since the drainage end walls were located within the clear zone. The plans and the Summary of Drainage Structures referred to Standard Index 261 for each structure in question. Standard Index 261 criteria (2000 and 2002 Versions) states: Steel grating to be used only where called for in the plans. The end walls had been in their locations in the clear zone for some time and during construction it was decided to modify these to meet design standards.

Lessons Learned: Make sure all structures and facilities in the project limits meet current design standards.