



Florida Department of Transportation

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DATE: March 15, 2008

TO: District Design Engineers, District Pavement Design Engineers, District Consultant Project Management Engineers

FROM: Bruce Dietrich, State Pavement Design Engineer *Bruce Dietrich*

COPIES: David O'Hagan, Manny Uwaibi, Jim Mills, Rick Renna, David Horhota

SUBJECT: IMPLEMENTATION – FLEXIBLE PAVEMENT DESIGN MANUAL AND PAVEMENT TYPE SELECTION MANUAL
MARCH 15, 2008 UPDATES

The March 15, 2008 Updates include:

1. Revisions to Flexible Pavement Design Manual (Topic No. 625-010-002) March 15, 2008
2. Revisions to Pavement Type Selection Manual (Topic No. 625-010-005) March 15, 2008

The major change in pavement design requirements is to be implemented as follows:

Chapter 5, Section 5.2.2 Design Base Highwater Clearance

SUMMARY OF CHANGE:

For new construction, when Design Base Highwater Clearance is less than three feet, guidance is provided for reducing the Laboratory Design Resilient Modulus.

IMPLEMENTATION:

This change is effective on applicable projects beginning pavement design on or after March 15, 2008, however it may be applied to projects currently underway at the discretion of the design engineer of record.

The major change in pavement type selection requirements is to be implemented as follows:

Chapter 4, Section 4.2.3 Design and Cost Assumptions

SUMMARY OF CHANGE:

The estimation of user delay costs using the FHWA RealCost spreadsheet as part of pavement life cycle costs has been added.

IMPLEMENTATION:

This change is to be effective on projects where pavement type selection analysis is applicable beginning with lettings scheduled on or after July, 2010. However, it may be applied to projects currently underway at the discretion of the design engineer of record.