



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

November 3, 2003

MEMORANDUM NO: 30-03

This Memo Has Been Expired

TO: DISTRICT CONSTRUCTION ENGINEERS
FROM: Ananth Prasad, State Construction Engineer *Ananth Prasad*
COPIES: William Nickas, Tom Malerk, David Sadler, and Bob Burleson (FTBA)
SUBJECT: K-wall

Starting with contracts **let in January 2004 and thereafter**, temporary concrete barriers used on bridges must now meet the 2004 Structures Design Standard Index 715. It is referenced in the 2002 Roadway Design Standards Index 415 that the Structures Type K-wall can be used on roadway projects. The K-wall is required by Design to be used as temporary barrier wall on bridge projects.

For contracts **let prior to July 2004** that require the use of Structures Design Standard Index 715 Type K-wall, please process a \$0.00 specification change to amend index 715 as follows:

Delete the following fabrication notes,

FABRICATOR PREQUALIFICATION: The Barrier Units shall be made in a prestressed concrete plant that meets the requirements of Specification Section 450.

CONCRETE: Concrete shall be Class III in accordance with Specification Section 346.

And, replace with the following notes:

FABRICATOR PREQUALIFICATION: The Barrier Units shall be made in a prestressed concrete plant that meets the requirements of Specification Section 450 or in a precast plant meeting the requirements of Specification 6-8.

CONCRETE: Concrete shall be Class IV in accordance with Specification Section 346. Specification Sections 346-10.2 through 346-10.4 are not applicable. Barrier Units represented by concrete acceptance strength tests which fall below 5000 psi will be rejected.

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Additionally, the lifting sleeve assembly detailed in the Structures Design Standard Index 715 will be detailed as optional in the July 2004 revision. As such, please include the following note in the \$0.00 specification change:

LIFTING SLEEVE ASSEMBLY DETAIL: Lifting sleeve assembly detail is optional. If Fabricator elects to omit lifting sleeve assembly, the 2- inch diameter assembly and associated 4E bars can be omitted.

If you have any questions, please contact David Sadler in the State Construction Office at 850-414-5203 (suncom 994-5203).

AP/sw