

March 29, 2002

**MEMORANDUM**

**TO:** District Structures Design Engineers  
(G Moliere, R Nelson, Keith Shores, J Danielsen, N Kenis,  
K Saing, J Rodriguez, A Spillman)

**FROM:** William N. Nickas, State Structures Design Engineer

**COPIES:** Directors of Operations, Directors of Production, Duane F Brautigam,  
Greg Xanders, William Domico, Robert Nichols, Jack Evans, Area  
Structures Engineers

**SUBJECT:** OSHA's Final Rule on Steel Erection  
SDO Temporary Design Bulletin CO-02-07  
Effective March 29, 2002

Attached is a copy of the FHWA Final OSHA Memo dated March 14, 2002 which addresses the latest requirements for field applied shear studs. All projects are to require shear studs be applied in the field unless the contractor elects to provide 100% conventional fall protection for all workers.

If the Contractor chooses to meet the requirements for fall protection and agrees to take on all associated risks, and if Construction prepares a zero dollar change order modifying FDOT erection specification, then shear studs may be applied in the shop.

The requirement for field applied shear studs has been in effect on all projects let after July 2001. On current design projects, plan details should show a field weld symbol where the studs are welded to the girder top flange and show no shop paint where the studs are applied. These details should be reviewed on the shop drawings. This is consistent with FDOT Construction Specification Section 502 and with the new rule.

WNN:ds

Attachment