

## INTEROFFICE MEMORANDUM

**DATE:** August 12, 1991

**TO:** Mr. Jim Briley, District Two Engineer

**FROM:** A. L. Holmes, Construction and Maintenance Engineer

**SUBJECT:** Concrete Pile Splice  
Job No. R20049  
Hwy. 65-Hwy. 104  
Jefferson County

The Contractor's request to splice the prestressed piling by doweling in #6 re-bars is not acceptable.

An alternate method, which is acceptable, is:

1. Eight No. 7 bars - Grade 60, which is the requirement on Standard 2383.
2. Drill 30 inches into existing pile, then remove three (minimum) inches of concrete at top of pile.
3. Lap spirals two turn.
4. Grout in No. 7 bars 27 inches
5. Spiral reinforcing must meet requirements on Standard 2383 for materials and pitch for buildup with driving.
6. A 20 kip pullout test is required to verify grout system.

ALH:BJP:bkw

cc: Assistant Chief Engineer-Operations  
Resident Engineer #23  
Bridge Design