




Office of Engineering
Project Development Division
Bridge Design Section
PO Box 94245 | Baton Rouge, LA 70804-9245
Phone: 225-379-1302

Bobby Jindal, Governor
Sherri H. LeBas, P.E., Secretary

MEMORANDUM

TO: ALL CONSULTANTS
ALL BRIDGE DESIGNERS

FROM: PAUL FOSSIER, P.E. 
BRIDGE DESIGN ENGINEER ADMINISTRATOR

SUBJECT: BRIDGE DESIGN TECHNICAL MEMORANDUM NO. 47 (BDTM.47)
PUBLICATION OF UPDATED PRECAST PRESTRESSED CONCRETE PILES
SPECIAL DETAIL (CS-216) DATED April 22, 2014

DATE: APRIL 22, 2014

Effective immediately, use of the subject revised Special Detail, “PPC Piles (CS-216)”, shall be implemented. Use of the existing Special Detail of the same name, with a revision date of August 9, 2011, shall be discontinued for all projects letting after May, 2014.

The revisions to CS-216 include the following:

- Sheet 1 of 2 (5000 psi concrete) was deleted. Piles will be constructed with 6000 psi concrete only.
- The Pile Information table was revised to update the “Prestress in Concrete” and “Maximum Casting Length” values for the current AASHTO LRFD Bridge Design Specifications.
- The Pick-up and Handling notes were revised to include a 4-point support system for 3-point pick-up piles that require truck transportation.
- A note was added to specify that any modifications to the pickup points or truck transportation points will require stamped and signed calculations to be submitted to DOTD for review.

This technical memorandum is posted on the Bridge Design Website under Technical Memoranda. http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Bridge_Design/Pages/Technical-Memoranda.aspx

Please contact Ms. Zhengzheng “Jenny” Fu (225-379-1321, zhengzheng.fu@la.gov) if you have questions or comments.

PF/zzf/abl

Cc: Janice Williams (Chief Engineer)
Vacant (Chief, Project Development Division)
Vacant (Assistant Secretary of Operations)
Kirk Gallien (Deputy Assistant Secretary of Operations)
David Miller (Bridge Maintenance Administrator)
Michael Vosburg (Chief Construction Division Engineer)
Alden Allen (Fabrication Engineer)
Edward Wedge (Project Management Director)
Jeff Lambert (Pavement and Geotechnical Engineer Administrator)

Chad Winchester (Road Design Engineer Administrator)
Art Aguirre (FHWA)
District Administrators (02, 03, 04, 05, 07, 08, 58, 61, 62)
Patrick Wollerson (DOTD Plans Manager)