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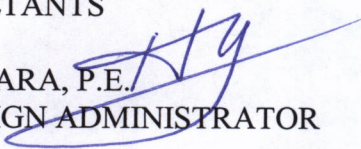
STATE OF LOUISIANA  
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SHERRI H. LEBAS, P.E.  
INTERIM SECRETARY

MEMORANDUM

TO: ALL BRIDGE DESIGNERS  
ALL CONSULTANTS

FROM: HOSSEIN GHARA, P.E.   
BRIDGE DESIGN ADMINISTRATOR

SUBJECT: BRIDGE DESIGN TECHNICAL MEMORANDUM NO. 17 (BDTM.17)  
EPOXY COATED REINFORCING STEEL

DATE: May 21, 2010

Effective immediately, Epoxy Coated Reinforcing Steel is no longer to be used in DOTD projects to be let after July 2010.

To provide the corrosion protection for the structures, DOTD is considering utilizing High Performance Concrete with low permeability as a standard practice. A technical memorandum will be issued in the near future regarding this policy.

In the meantime, Item 13 on page 5(46) of the LA DOTD Bridge Design Manual, Fourth English Edition, shall be replaced with the following provisions:

For projects in District 4 and 5, the reinforcement in the deck and the barrier shall be regular black reinforcing steel, however, minimum 2 ½" cover must be provided at the top of the concrete slab.

For structures located in the corrosive environment, corrosion protection measures, such as using HPC and increase concrete cover, etc., shall be considered. State Bridge Engineer shall be consulted for these projects and the corrosion protection plan must be approved by the State Bridge Engineer.

This technical memorandum will be posted on the Bridge Design Website: [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Bridge\\_Design/Pages/Technical-Memoranda.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Bridge_Design/Pages/Technical-Memoranda.aspx)

Please contact Ms. ZhengZheng Fu (225-379-1321, [ZhengZheng.Fu@la.gov](mailto:ZhengZheng.Fu@la.gov)) if you have any questions or comments.

HG/zzf