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MEMORANDUM

TO: ALL BRIDGE DESIGNERS
ALL CONSULTANTS

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

SUBJECT: BRIDGE DESIGN TECHNICAL MEMORANDUM NO. 19 (BDTM.19)
PRESTRESSED GIRDER SPAN DECK CANTILEVER DESIGN

DATE: SEPTEMBER 27, 2010

The following policy shall be applied to all projects to be let after October 2010.

Deck cantilevers, for all prestressed girder spans, shall be designed using the deck thickness (excluding the haunch).

Typically, the deck cantilever thickness is equal to the deck thickness plus the haunch. However, the haunch thickness varies along the girder due to possible camber remaining in girders, thus the deck cantilever thickness will vary along the span as well. To account for this, it is conservative to ignore the haunch and use the deck thickness for cantilever design.

This technical memorandum is posted on the Bridge Design Website under Technical Memoranda (http://www.dotd.la.gov/highways/project_devel/design/home.asp?ID=BRIDGE).

Please contact Ms. ZhengZheng "Jenny" Fu (225-379-1321, ZhengZheng.Fu@la.gov) if you have any questions or comments.

HG/zzf/mdb

Cc: Richard Savoie (Chief Engineer)
Janice Williams (Chief, Project Development Division)
Art Aguirre (FHWA)