



MEMO

February 13, 2020

To: District Engineers

From: Graham Bettis, P.E.
Division Director, Bridge Division

Subject: Revised Miscellaneous and Retaining Wall Standard Drawings

Revised miscellaneous and retaining wall standard drawings, with issue date of February 2020, are posted on the TxDOT web site and available for immediate use. Notable revisions to the standard drawings include:

- **Cement Stabilized Abutment Backfill (CSAB)** –
 - Added Option 2. Option 2 extends the CSAB either
 - to the end of BAS-A approach slab;
 - 2'-6" past the end of BAS-C approach slab; or
 - 10 feet beyond the end of the wingwalls if no approach slab.
 - Added note to the standard that describes when each option should be used.
 - Removed the stress relieving pad.
- **Bridge Approach Slabs (BAS-A and BAS-C)** – Removed the stress relieving pad.
- **Common Foundation Details (FD)** – Combined notes 10 and 11 into a single note and reworded for more general use.
- **Permanent Metal Deck Forms (PMDF)** – Updated boxed note to add steel girders and clarify that when using PMDF instead of PCP the concrete and reinforcement is subsidiary to the span.
- **Miscellaneous Slab Details (SGMD)** – Added alternate stiffener clip detail.
- **Traffic Rail Foundation for MSE (RW(TRF))** – Added note for rail that is precast with the coping that states the use of these details results in a MASH TL-3 rated rail regardless of the higher test level noted on the rail standard.

These revised standard drawings apply to construction projects beginning with the September 2020 letting. Use of these revised standards prior to September 2020 is at the discretion of each District.

These and other bridge standard drawings are available on the Bridge Standards web page (<http://www.dot.state.tx.us/business/standardplanfiles.htm>) in MicroStation® "dgn" and Adobe® Acrobat® "pdf" formats.

For questions or comments concerning these standard drawings, please contact Taya A. Retterer, P.E. at 512/416-2719 or Jon T. Ries, at 512/416-2191.

Note: Original Signed By Graham Bettis

CC: Federal Highway Administration
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