



MEMORANDUM

TO: All District Engineers

DATE: June 3, 2009

FROM: David P. Hohmann, P.E. *David P. Hohmann, P.E.*
Carlos A. Lopez, P.E. *Carlos A. Lopez, P.E.*

SUBJECT: MA-C-09 Standard Sheet

The Bridge Division (BRG) in cooperation with the Traffic Operations Division (TRF) has revised the Mast Arm Connections standard to improve the fatigue performance of the mast-arm-to-pole connections that have performed poorly when subjected to large and frequent transverse oscillations. These standard sheets are to be used immediately in construction and maintenance projects as well as with maintenance force operations.

A summary of the revisions is listed below:

The signal mast arm connection plate and pole receiving plate thicknesses, both previously designate "E" with a schedule of values ranging from 1" to 1 ½", for 6 ½" up to 11 ½" diameter arms, respectively, are revised such that the signal mast arm connection plate is designated "E" with a schedule of values ranging from 1 ¾" to 3", over the indicate range of arm diameters, and the pole receiving plate thickness has been revised to a constant 1 ¾".

These new standard sheets have been attached for your reference and can be found at the following web address:

<http://www.txdot.gov/insdtdot/orgchart/cmd/cserve/standard/toc.htm>

If you have any questions or comments concerning the new standards, please contact Tim Bradberry (BRG) at (512) 416-2179 or Michael Chacon (TRF) at (512) 416-3120.

Attachments

cc: ADM
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CST
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