



MEMORANDUM

TO: All District Engineers

DATE: October 20, 2003

FROM: Carlos A. Lopez, P.E.

SUBJECT: Minor Changes to Mast Arm Pole Details

We have made minor changes to the Mast Arm Pole Details, MA-D-03 (attached) of the Traffic Control Standard Sheets. These changes include specifying fuse blocks that will accept larger wire sizes and clarifying that the Contractor install a double fuse block on the mast arm signal pole when a luminaire is to be installed on that pole. To accomplish this, we removed the double fuse block detail, changed Note #3, and added Note #4.

The fuse block previously specified for the luminaries on mast arm poles could accept up to #10 AWG. Districts have been routinely specifying #8 AWG wire to reduce voltage drop on long wire runs. The new fuse blocks will accept #6 AWG or smaller wires. The new acceptable fuse blocks are:

- Bussmann #BM6032B
- Littelfuse #L60030M-2C
- Ferraz-Shawmut #30352

These revised standards are available on the TxDOT website and should be used beginning with the February 2004 letting.

If you have any questions regarding these standards, please contact Dan Maupin at (512) 416-2411 or me at (512) 416-3200.

cc: ADM
DES
MNT
CST
TTA
District Traffic Engineers

Carlos A. Lopez, P.E.