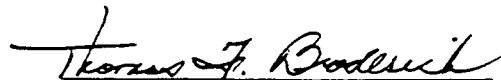


ENGINEERING DIRECTIVE

CHIEF ENGINEER

**DECEMBER 1999 REVISIONS TO THE MASSHIGHWAY BRIDGE MANUAL,
PARTS I & II, 1995 METRIC EDITION**

Effective immediately, the MassHighway Bridge Manual, Parts I & II, 1995 Metric Edition, is amended by the following revisions dated December 1999:

Part	Chapter/Section	Action
I	Chapter 3, Bridge Design Guidelines	Replaced in its entirety
I	Chapter 6, Shop Dwgs. Const. Proced. & Other	Replaced in its entirety
I	Chapter 7, Bridge Load Ratings	New chapter added
II	Chapter 1, Sec.'s 1.1, 1.2	Some drawings revised
II	Chapter 2, Sec. 2.3	One drawing revised
II	Chapter 3, Sec.'s 3.1, 3.2, 3.4, 3.5, 3.6	Most drawings revised
II	Chapter 3, Sec.'s 3.7, 3.8	New Sections added
II	Chapter 4, except Sec. 4.3	Some Drawings revised
II	Chapter 4, Sec. 4.3	All drawings revised
II	Chapter 5, except Sec. 5.4	All drawings revised
II	Chapter 6	New chapter issued
II	Chapter 7	50% of drawings revised
II	Chapter 8	New chapter issued
II	Chapter 9, except Sec.'s 9.7 & 9.8	Most drawings revised
II	Chapter 10	New chapter issued
II	Chapter 12	New chapter issued

The distribution of the December 1999 Bridge Manual Revisions shall be done through the Bridge Engineer. The Bridge Engineer shall issue a copy of these revisions to each registered holder of the 1995 Metric Bridge Manual. Anyone who holds a 1995 Metric Bridge Manual and does not receive a copy of these revisions within one month following the date of this Directive should contact the office of the Bridge Engineer.

All designs just completing the Sketch Plan phase must be completed through final design using the revised procedures and details. However, active projects that have been substantially completed in accordance with previous design guidelines and details need not be totally revised in accordance with the December 1999 revisions. The Bridge Engineer shall determine which details will need to be changed on a project by project basis.