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ENGINEERING DIRECTIVE

A stylized, handwritten signature in black ink, appearing to be "John J. ...", written over a horizontal line.

CHIEF ENGINEER

MASSHIGHWAY BRIDGE MANUAL, PARTS I & II **2005 EDITION, CUSTOMARY US UNITS**

Effective December 1, 2005, the *MassHighway Bridge Manual, Parts I & II, 2005 Edition, Customary US Units*, shall be the standard for bridge design projects to be advertised by MassHighway and shall supersede all previous editions of the MassHighway Bridge Manual.

The 2005 Edition of the Bridge Manual is issued as a hard copy in a three ring binder format and electronically, both on a CD and on the MassHighway website at <http://www.mhd.state.ma.us/>. The electronic version includes PDF files of all the Chapters of Parts I & II, and AutoCAD files of the Bridge Manual details that shall be used, with editing, for the preparation of bridge construction drawings, standard bridge details sheets for the S3-TL4 Bridge Rail, MassHighway standard protective screens, and highway guardrail to bridge rail transitions.

The 2005 Edition of the Bridge Manual must be used for all designs started after November 30, 2005, and for all active designs that are at Sketch Plan phase or earlier as of December 1, 2005. However, active projects that have progressed beyond Sketch Plan phase as of December 1, 2005 in accordance with previous design guidelines and details need not be totally revised in accordance with the 2005 Edition of the Bridge Manual. The Bridge Engineer shall determine which details will need to be changed on a project-by-project basis.

The distribution of the 2005 Edition of the MassHighway Bridge Manual, both hard copy and CD, shall be coordinated through the office of the Bridge Engineer.

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