PURPOSE

This Engineering Bulletin transmits Special Report 131, *A Simplified Design Procedure For End-Plates and Base-Plates Of Cantilevered Traffic Structures*, developed by the NYSDOT Transportation Research and Development Bureau. Effective immediately, the procedure outlined in the Report shall be used to design arm end-plates and post base-plates of cantilever sign structures that carry variable message signs (VMS). An alternate design procedure may be used, only if approved by the DCE(S).

A spreadsheet program, that uses the procedure described in the Report to perform the design of the plates, is currently undergoing beta testing and should be available sometime before the end of this year. When the program becomes approved for use, it will be issued by Engineering Bulletin.

**DISCLAIMER:** Special Report 131 is a product of the Transportation Research and Development Bureau, and represents the best available practice. The Report and design procedures contained therein shall not be construed as part of, or an attachment to, the Specification. The designer shall exercise reasonable judgement in using the design procedure described in the Report. The designer shall be responsible for the adequacy and conformance to Specifications, of any design that results from the use of the Report.

CONTACT PERSON

Any questions or comments on this Bulletin may be directed to the Sign Structure Management Unit, 518-485-2768.