

**SUPERSEDED BY EB 99-024  
EFFECTIVE 3/16/99**

# ENGINEERING INSTRUCTION

NEW YORK STATE DEPARTMENT OF TRANSPORTATION

**SUBJECT: TECHNICAL POLICY AND PROCEDURE MANUAL  
BRIDGE STEEL DETAILS VULNERABILITY ASSESSMENT  
PROCEDURE**  
Subject Code: 7.35-8

Distribution:

30 Main Office

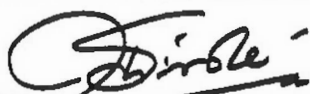
32 Regions

Special

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APPROVED:



6/5/92

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Supersedes:

The Structures Division's Bridge Safety Assurance Unit has developed a vulnerability assessment procedure for determining the relative risk of steel details induced failure at bridge sites. This Engineering Instruction implements that procedure as Department policy. Details are contained in the BSA Steel Details Vulnerability Manual which is being promulgated separately.

This procedure shall be used by the Regional Bridge Safety Assurance personnel to assess steel details vulnerability of all state-owned bridges. This supersedes all previous instructions on steel details vulnerability assessment.

Section 4 of the Manual "Rating" contains procedures and definitions that need to be approved by Department Management before they can be finalized. Nevertheless, the procedures contained in Section 4 may be used as it is anticipated that the final approved procedures will make use of the same criteria. The approved rating procedures will be issued separately when they are completed.

Questions regarding this procedure shall be directed to the Structures Division Bridge Safety Assurance Unit.