

TO: SUPERSEDED BY EB 97-020 EFFECTIVE 4/4/97	<h1 style="margin: 0;">ENGINEERING INSTRUCTION</h1> <p style="margin: 0;">NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
OBJECT: DESIGN CRITERIA FOR BRIDGES - USE OF SWEDGED BOLTS	
Subject Code: 7.35-4	
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input checked="" type="checkbox"/> Special	Code: EI 83-45 Date: 10/27/83 Supersedes:
APPROVED: <i>E.V. Hourigan</i> _____ E.V. HOURIGAN, Deputy Chief Engineer (Structures)	

Effective immediately, the embedded portion of cast-in-place or grouted-in-place bolts carrying design tension must be fully threaded. Swedged bolts may only be used where a bolt carries no design tension.

This action is being taken because Department engineers can find no specification which defines what constitutes a swedged bolt. This means there is no way to be assured that the bolt will be deformed sufficiently to ensure proper anchorage in the concrete.

Any bolts carrying tension and designated as "swedged" must be changed to "fully threaded" no matter what the status of the project or contract.

PREL.	FINAL
DESIGN	LANDSCAPE
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FACILITIES DESIGN DIVISION	
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CIRC.	FILE

