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TO:  <b>SUPERSEDED BY EB 98-014</b> <b>EFFECTIVE 4/24/98</b>	<h2 style="margin: 0;">ENGINEERING INSTRUCTION</h2> <p style="margin: 0;">NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
SUBJECT: Technical Policy & Procedure Manual: Users Manual for Bridge Inventory and Inspection Part III - Rating Subject Code: 7.35-11	
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input checked="" type="checkbox"/> Special	Code: <u>83-53</u> Date: <u>12/21/83</u> Supersedes:
APPROVED: <i>E. V. Hourigan</i> <u>E. V. Hourigan, Deputy Chief Engineer (Structures)</u>	

Purpose: This issuance explains the procedure for rating multi-stringer bridges when more than one stringer is placed under the sidewalk or raised median. Also it explains the procedure to follow for members not being rated.

1. Members to be rated:

Case A: Roadway slab extends over all stringers

All roadway stringers and the 1st stringer adjacent to the roadway under the sidewalk and/or raised median will be rated. The rating of all these members will be considered in establishing the Bridge Rating placed on the plans.

Case B: Roadway slab does not extend over stringers under sidewalk and/or raised median.

All stringers carrying the roadway slab will be rated.

2. Procedure for members not being rated.

- a) The stress in the stringers under the sidewalk and the raised median not being rated will be checked in accordance with the present NYSDOT Standard Specifications For Highway Bridges design procedure for appropriate sidewalk & wheel loads.
- b) Whenever the concrete deck and/or concrete sidewalk and median is removed and these members are exposed they will be strengthened if the allowable stress is exceeded.
- c) Whenever the concrete deck and/or concrete sidewalk and median is not being removed the necessity for strengthening these members will be made on an individual basis.
- d) Approval of D.C.E. (Structures) is required when the allowable stress is exceeded, and the member is being retained. In addition a set of computations for overstressed members will be placed in the BIN file.

