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| TO:<br><br>MAIN OFFICE<br><br>REGIONAL OFFICES<br><br><b>SUPERSEDED BY EI 77-046</b><br><b>EFFECTIVE 10/6/1977</b>                         | <b>ENGINEERING INSTRUCTION</b><br><br>NEW YORK STATE DEPARTMENT OF TRANSPORTATION  |
| Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input type="checkbox"/> Special | SUBJECT: BRIDGE DESIGN DATA SHEET 77-51<br>"STEEL BRIDGE RAILING-TWO RAIL"<br><br>Subject Code: 7.35-2 MODIFIES EI 74-089 DATE 9/23/74 |
| APPROVED: <u><i>J. V. Hourigan</i></u>   | Code: <u>EI 77-2</u><br>Date: <u>1/11/77</u><br>Supersedes:<br>BDD 74-51   |

Attached is a copy of BDD 77-51, "Steel Bridge Railing-Two Rail".  
 This sheet will supersede BDD 74-51.

The principal changes on this sheet are:

1. Use of a new rail clamp.
2. Addition of an optional hand-rail.
3. Increase of the length of the railing joint assembly.
4. Elimination of ASTM Designation A-501 as an option for the steel used in the tube.

