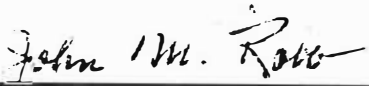


TO: SUPERSEDED BY EB 96-032 EFFECTIVE 7/19/96	<h1>ENGINEERING INSTRUCTION</h1> <p>NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p> <p>SUBJECT: DISTRIBUTION OF BRIDGE DESIGN DATA SHEET BDD 89-51 - DESIGN CRITERIA FOR BRIDGES</p> <p>Subject Code: 7.35-4-568</p>
Distribution: 30 Main Office 32 Regions 34 Special	Code: <u>E. I. 89-9</u>
APPROVED:  _____ ACTING DEPUTY CHIEF ENGINEER (STRUCTURES)	Date: <u>3/13/89</u> Supersedes: EI 88-037

Effective immediately, BDD 88-51 is superseded by BDD 89-51 (attached). The details on BDD 89-51 are to be inserted in all projects where that type of railing is utilized. If necessary, include the transition expansion joint details on BDD 89-51 by amendment.

The principal difference between the two BDD sheets is the addition of expansion capabilities at the bridge railing to transition tube joint.

Another change is the reduction of the minimum distance from the end post to the end of the concrete structure from 1'-9" to 0'-9" (See elevation view "TYPICAL ELEVATION ON BRIDGE" on BDD 89-51). It should be noted that the 0'-9" is a minimum dimension and that some geometric configurations and/or bridge joints will require a greater distance.

Also, the "back-up" posts have been replaced with standard posts to increase the stiffness of the transition. In the past there has been some confusion with the use of the back up posts.

If you have any questions regarding BDD 89-51, contact L. N. Johanson or R. Marchione of the Structures Division's Special Design Unit at (518) 457-2459.

