SUPERSEDED BY EI 81-001
EFFECTIVE 1/1/81

ENGINEERING INSTRUCTION

STEEL BRIDGE RAILING - ONE-RAIL

7.35-2

Distribution: [D] Regions [H] Special

APPROVED: L. H. Gravette
for Deputy Chief Engineer (Structures)

Code: E.I. 80-10
Date: FEB. 22, 1980
Supersedes: E.I. 79-35
E.I. 80-2 (SEE BELOW)

Attached is a copy of BDD 80-50A, "STEEL BRIDGE RAILING - ONE-RAIL".

This is a revised sheet, and it supersedes BDD 79-50A of the same title. BDD 79-50A was issued under E.I. 79-14 along with BDD 79-50B. BDD Sheet 79-50B remains in effect. E.I. 79-14 was superseded by E.I. 79-35.

These sheets were developed to provide a structural steel traffic railing for mounting on a parapet wall 2'-3" high.

The rail, mounted on a 2'-3" high wall, will also serve as a pedestrian rail since it provides for an overall height of 42". This is the minimum pedestrian railing height according to AASHTO Specifications.

The use of any other one-rail railing system, without the approval of the Deputy Chief Engineer (Structures), is prohibited.

Payment for the one-rail steel railing shall be made under "Item No. 568.12 - Steel Bridge Railing (One-Rail)". This item is coded and available for use.

Payment for the double-tube system at the ends of the parapets shall be made under Item No. "587.1002 - Box Beam Bridge Railing". This item is a book item which appears in Addenda #2 for the 1978 N.Y.S. D.O.T. "Standard Specifications" book.

The only revision in BDD Sheet 80-50A is a post modification to permit more tolerance for vertical adjustment and to provide an option in the method of obtaining proper grade conformance in the rail tube.

BDD Sheet 80-50A-R1 was issued under E.I. 80-2. This sheet was incorrectly numbered. BDD Sheet 80-50A-R1 and E.I. 80-2 shall be discarded, in order to avoid future confusion. E.I. 79-35 is superseded by this E.I.

Attachment