

**SUPERSEDED BY EI 85-014
EFFECTIVE 2/19/85**

ENGINEERING INSTRUCTION

NEW YORK STATE DEPARTMENT OF TRANSPORTATION

Preliminary Plan Review Bureau

SUBJECT: OBSOLETE BDD SHEETS

Subject Code: 7.35-2

Distribution:



Main Office



Regions

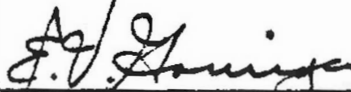


Special

Code: EI 80-40

Date: Nov. 5, 1980

APPROVED:


Deputy Chief Engineer (Structures)

Supersedes: MANY PLAN REVIEW
3 PERU

NOV 7 1980

ROOM 408 BLDG. 5

We have recently determined there are BDD Sheets presently in use which contain outdated information. These BDD Sheets are: BDD 74-40, "Drainage and Approach Details At Ends Of Bridges With Concrete Parapets And Box Beam Guide Rails On Approaches"; BDD 68-17, "Details For Connecting Beam Type Guide Rail To Tubular Steel Railing"; BDD 68-18, "Details For Connecting Beam Type Guide Rail To Metal Railing, Type B-3"; and BDD 68-19, "Details For Connecting Beam Type Guide Rail To Aluminum Railing".

BDD 74-40 has been replaced by sheets BDD 78-41A, BDD 78-41B, BDD 78-41C, BDD 80-50A, and BDD 79-50B. These new sheets provide details for the transition between 6" x 6" highway box beam guide rail and vertical-faced concrete parapets and concrete safety shaped barriers.

BDD Sheets 68-17, 18, and 19 are railing upgrading sheets. BDD 68-17 and BDD 68-18 contain upgrading details for two steel railing systems. These railing systems are capable of being upgraded, but not with the system shown on these sheets. The details are deficient in that they lack the very essential blockout which places the rail element a minimum of 6" from the face of the existing barrier system, and the W-beam alone is not strong enough as a beam. In addition, the transition from guiderail to bridge rail is inadequate. BDD 68-19 contains upgrading details for aluminum railing with cast aluminum posts. This system is not to be upgraded. It should be replaced.

Therefore, remove BDD Sheets 74-40, 68-17, 68-18, and 68-19 from the active list of BDD Sheets. They are not to be used on any current or future projects.

This change shall take effect immediately.

PREL.	NOV 7 1980
NOV 7 1980	