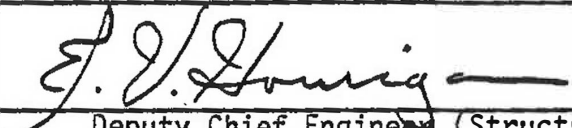


SUPERSEDED BY EI 82-072 EFFECTIVE 12/23/82	<h1>ENGINEERING INSTRUCTION</h1> <p>NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>	
	SUBJECT: UPGRADING BRIDGE RAILING BDD SHEETS	
Distribution: <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Regions <input type="checkbox"/> Special		Code: <u>E.I. 81-36</u>
APPROVED:  Deputy Chief Engineer (Structures)		Date: <u>Sept. 10, 1981</u> Supersedes: <u>80-11</u>

Attached is a copy of the following BDD Sheets:

- BDD 81-57A - "Details For Attaching Box Beam Railing To Bridge Railing".
- BDD 81-57B - "Details For Attaching Box Beam Railing To Bridge Railing-Truss Details".
- BDD 81-57C - "Details For Attaching Box Beam Railing To Bridge Railing-Approach Details".
- BDD 81-57D - "Details For Transition To Bridge Railing-Approach Details".
- BDD 81-57E - "Details For Transition To Bridge Railing".
- BDD 81-57F - "Details For Attaching Thrie Beam Railing To Bridge Railing".
- BDD 81-57G - "Thrie Beam Approach Details To Bridge Railing Upgrading".

BDD Sheets 81-57A, B, and C are revisions to current sheets and were revised to correct some minor errors and to make them correspond with new BDD Sheets 81-57D and 81-57E.

BDD Sheets 81-57D and E are new sheets which contain details for transitions from guardrail to bridge rail for upgraded railing systems. All highways having 6" x 6" x 3/16" guide rail tube on the approach sections to bridges shall use a double tube transition as shown on BDD Sheets 81-57D and 81-57E.

BDD Sheets 81-57F and 81-57G are new sheets which contain details for using thrie beam as the upgrading beam on a structure and as the transition from guardrail to bridge rail for the upgraded bridge. The thrie beam system should be used when there is W-section guide rail adjacent to the bridge.

When the guardrail adjacent to a bridge is being replaced as part of a bridge rail upgrading, where feasible, it should be replaced with a W-beam system. A thrie beam system would then be used for the bridge rail upgrading.

All sheets are effective immediately and all plans should be changed to reflect the new details.

Attachments

PREL.	FINAL
DESIGN	LANDSCAPE
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