
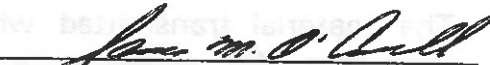


To:		New York State Department of Transportation ENGINEERING BULLETIN	EB 97-020
<i>Expires one year after issue unless replaced sooner</i>			
Title: OUTDATED ENGINEERING INSTRUCTIONS			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Main Office (30) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Contractors/AGC (39) <input checked="" type="checkbox"/> Regions/Agencies (32) <input type="checkbox"/> _____ ()		Approved:  JAMES M. O'CONNELL 4/2/97 Deputy Chief Engineer (Structures) Date	

This Engineering Bulletin (EB) rescinds the following Engineering Instructions. All are shown in the EIB Program as superseded by this EB. (A brief statement is provided which explains why the specific EI is no longer current.):

1. EI 72-021 Railroad Details and Specifications

The information transmitted with EI 72-021 has changed over the years. Current information is contained in current issuances of the various railroad companies.
2. EI 72-070 Pier Analysis

The information transmitted with EI 72-070 has been incorporated into user's manuals for analysis of various pier components.
3. EI 73-007 Detailed Estimates for Bridge Reconstruction (Rehabilitation) Projects

Current Division policy provides that such information be forwarded for all types of projects upon verbal request.
4. EI 73-042 BR 130 and BR 131

The information transmitted with EI 73-042 is now shown on GLD-MS1 and GLD-MMS1.
5. EI 74-071 Design Criteria for Highway Bridges 74-2 Framing of Curved Bridges

The material transmitted with EI 74-071 has been incorporated into the Standard Specifications for Highway Bridges; Subsection 10.103.A.

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6. EI 75-001 Welder Certification

Current information on this subject can be found in the New York State Steel Construction Manual.

7. EI 75-005 Design Criteria for Bridges: 75-1 Stepped Footings

The material transmitted with EI 75-005 has been incorporated into the November, 1989 edition of the Standard Details for Highway Bridges; Subsection 4.15.

8. EI 75-089 Revised Slope Protection Detail at Streams - BR 430

The information transmitted with EI 75-089 is now shown on BDD 95-6 and BDD 95-M6.

9. EI 76-012 Projects with Existing Bridges of Substandard Widths

Current policy which governs our procedures on this subject may be found in the following issuances:

- a. Highway Design Manual, Chapter 2
- b. Design Procedure Manual of March, 1996
- c. Geometric Design Policy for Bridges of March, 1996

10. EI 76-028 Design Guidelines for Section 580 and Special Note No. 9

The information issued with EI 76-028 has been superseded by the issuance of EI 93-005 or has been incorporated into Appendix B of the November, 1989 edition of the Standard Details for Highway Bridges.

11. EI 76-029 Reinforcing Bar Coding and Estimating

The information contained in EI 76-029 has been incorporated into the 1990 reissuance of the Bar List Estimating Program User's Manual.

12. EI 77-051 Procedure for Flame Cutting Tops of Railing Anchor Bolts or Studs

The information contained in EI 77-051 has been incorporated into the current BDD Sheets for our various bridge railing types.

13. EI 78-028 Fracture Control Plan for Fracture Critical Bridge Members

The information contained in EI 78-028 has been incorporated into Appendix B of the November, 1989 edition of the Standard Details for Highway Bridges and Section 9 of the New York State Steel Construction Manual.

14. EI 78-045 Revision to Structural Steel Shapes

Revisions referred to in EI 78-045 have been incorporated into subsequent editions of the AISC Manual of Steel Construction. Passage of time has rendered the remainder of the EI obsolete.

15. EI 79-003 Steel Bridge Railing

The information contained in EI 79-003 has been incorporated into the current BDD Sheets for our various bridge railing types.

16. EI 79-017 Lateral Gusset Plate Connections

The revisions required by EI 79-017 have been incorporated into subsequent issuances of the Division's BDD Sheets and Guideline Drawings.

17. EI 81-018 Design Reports for Bridge Replacement Projects

Procedures set forth in EI 81-018 have been incorporated into the current edition of the Scoping Procedure Manual.

18. EI 82-014 Structural Slab Reconstruction Preparation - Standard Details

Details referred to in EI 82-014 have been incorporated into the Standard Details (File Name insscar .dgn) section of the CADD Operator Manual.

19. EI 82-022 Bridge Deck Form Systems

The vast majority of instructions contained in EI 82-022 is no longer Division policy. The issuance of EI 85-030 eliminated the requirement that multiple stringer designs (for multiple form types) be performed. That issuance also eliminated the BDD Sheets transmitted by EI 82-022. Finally, the requirement that Item 15555.04 be used for bridge decks was superseded by the issuance of EI 96-024. The few remaining items that represent current Division policy have been incorporated into the 1989 edition of the Standard Details for Highway Bridges.

20. **EI 82-026 Bridge Design Manual - Design Criteria for Bridges - Cleaning Concrete Exposed to View**

The requirement set forth in EI 82-026 regarding the special note to be included in the contract plans has been incorporated into the November, 1989 edition of the Standard Details for Highway Bridges. The requirement regarding the question to be asked of the Regional Office is currently on the listing of Tear Sheet Notes used by the Preliminary Engineering Unit.

21. **EI 82-027 Bridge Design Manual - Design Criteria for Bridges - Painting New Bridges**

The requirement set forth in EI 82-027 regarding the special note(s) to be included in the contract plans has been incorporated into the November, 1989 edition of Standard Details for Highway Bridges. The requirement regarding the question to be asked of the Regional Office is currently on the listing of Tear Sheet Notes used by the Preliminary Engineering Unit.

22. **EI 82-044 Technical Policy and Procedure Manual: Users' Manual for Bridge Inventory & Inspection Part III - Rating**

The 1978 manual referred to in EI 82-044 has been replaced by the issuance of the Manual for Maintenance Inspection of Bridges 1983 and later by the Manual for Condition Evaluation of Bridges 1994.

23. **EI 82-071 Bridge Design Manual - Design Criteria for Bridges - G4S Guide Rail Attachments to Bridge Railing**

BDD's 82-45 and 82-46 distributed by EI 82-071 have been superseded by the issuance of EI 96-010. The revisions to Section 587 distributed by EI 82-071 have been incorporated into subsequent issues of the Standard Specifications Construction and Materials; Section 606 - Guide Railing. Finally, the issuance of BDD 82-47 has been superseded by the issuance of EB 96-032.

24. **EI 83-012 Technical Policy & Procedure Manual: Users' Manual for Bridge Inventory and Inspection Part III - Rating Distribution/Load Rating**

Certain elements of EI 83-012 are no longer Division policy. Remaining elements have been incorporated into the current Manual for Bridge Inventory and Inspection.

25. EI 83-017 16564.24 - Liquid-Filled Cell Sandwich Attenuator (Structures)

The correct pay item is 16654.24. This EI contains numerous typographical errors. Due to the many problems with deterioration of bridge deck joint seals, bearings etc., DQAB has recommended that the liquid-filled type of impact attenuator not be used on bridge decks.

26. EI 83-030 Changes and Additions to Standard Details for Highway Bridges

Information transmitted by EI 83-030 which remained Division policy was incorporated into the November, 1989 edition of the Standard Details for Highway Bridges.

27. EI 83-044 Technical Policy and Procedure Manual: Users' Manual for Bridge Inventory and Inspection/Part I Inventory

The manual transmitted with EI 83-044 was superseded by the issuance of the 1990 Edition of the New York State Department of Transportation Bridge Inventory Manual.

28. EI 83-045 Design Criteria for Bridges - Use of Swedged Bolts

The requirements spelled out in EI 83-045 have been incorporated into subsequent issuances of BDD Sheets for bridge railings and bridge bearings.

29. EI 83-056 Explanation of Headings for Level #2 Rating Summary Listings

The information transmitted with EI 83-056 pertained to a specific listing of bridges and is not pertinent to any subsequent list.

30. EI 84-052 Bridge Design Manual: Design Criteria for Bridges: Steel Sheet Piling Design

The catalogue excerpt showing available sheet piling sections that was transmitted by EI 84-052 is incorporated into available product literature from Bethlehem Steel Corporation.

31. EI 85-016 Technical Policy & Procedure Manual: Users' Manual for Bridge Inventory and Inspection/Part II Inspection

The information contained in EI 85-016 is no longer Structures Division policy.

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32. EI 87-027 Bridge Technical Policy & Procedure Manual: Thermography for Estimating Concrete Removal for Slab Overlay Projects

The information transmitted by EI 87-027 has been incorporated into the current edition of the Bridge Deck Evaluation Manual.

33. EI 89-010 Revised Section 584 - Specialized Concrete Overlays for Structural Slabs

The revised Section 584 described and transmitted by EI 89-010 has been incorporated into the Standard Specifications Construction and Materials of January 2, 1990.

34. EI 90-008 Standard Specifications for Highway Bridge Design - Seismic Criteria

The information transmitted by EI 90-008 has been incorporated into the current Standard Specifications for Highway Bridges; Section 3.21 (NYS Blue Pages).

35. EI 91-010 Section 557 - New "Method of Measurement" for Items 557.02, 557.03 and 557.04

The revision to Section 557 transmitted by EI 91-010 has been incorporated into Addendum No. 1 to the Standard Specifications Construction and Materials of January 2, 1990.

36. EI 92-009 Standard Specifications for Highway Bridge Design - Live Load Criteria

The revisions transmitted by EI 92-009 have been incorporated into the March 1996 edition of the NYSDOT Geometric Design Policy for Bridges and into the current edition of the Standard Specifications for Highway Bridges.

37. EI 92-022 Revised 584 - Specialized Concrete Overlays for Structural Slabs

The revisions transmitted by EI 92-022 have been incorporated into Addendum No. 1 to the Standard Specifications Construction and Materials of January 2, 1990.

Questions concerning this EB should be directed to Graham F. Lord of the Structures Division at (518) 457-2032.