
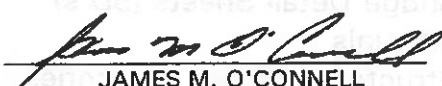


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|--|---|--|--------------------------------|
| To: n-30-1-87728- Design Quality Assurance Bureau EIIS Administrator Bldg. 5, Rm. 408 MC 0750, |  | New York State Department of Transportation ENGINEERING BULLETIN | EB 99-024 |
| Title: STRUCTURES DIVISION ISSUANCES | | <i>Expires one year after issue unless replaced sooner</i> | |
| Distribution: <input type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Main Office (30) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Regions/Agencies (32) <input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Contractors (39) <input type="checkbox"/> _____ () | Approved:  JAMES M. O'CONNELL Deputy Chief Engineer (Structures) | | 3/16/99 Date |

EFFECTIVE DATE:

This Engineering Bulletin is effective immediately.

PURPOSE:

This EB issues a list of all current Structures Division issuances including Bridge Detail (BD's), Bridge Design Data Sheets (BDD's), Guideline Drawings (GLD's), manuals, Structures Design Advisories, and Technical Advisories.

This EB replaces the EI's listed below which issued the above documents.

ISSUANCES AFFECTED:

This EB supersedes:

- | | |
|-----------|-----------|
| EI 81-045 | EI 96-021 |
| EI 87-040 | EI 96-035 |
| EI 92-021 | EI 96-041 |
| EI 92-025 | EI 96-044 |
| EI 93-025 | EI 97-017 |
| EI 94-026 | EI 97-022 |
| EI 95-009 | EI 97-028 |
| EI 96-003 | EI 98-012 |

EB 99-024 Page 2 of 2

ATTACHMENTS:

Attached is a current index for each of the Structures Division issuances:

1. Bridge Design Data Sheets (BDD's)
2. Guideline Drawings (GLD's)
3. Bridge Detail Sheets (BD's)
4. Manuals
5. Structures Design Advisories
6. Technical Advisories

CONTACT:

Any questions regarding this EB should be directed to the Structures Division Standards Unit at (518) 485-1148.

INDEX

BRIDGE DESIGN DATA SHEETS

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| BDD 95-1R1 | EXCAVATION AND BACKFILL PAYMENT LINES AND DETAILS FOR BRIDGES |
| BDD 95-M1R1 | EXCAVATION AND BACKFILL PAYMENT LINES AND DETAILS FOR BRIDGES |
| BDD 95-2R1 | EXCAVATION AND BACKFILL PAYMENT LINES AND DETAILS FOR BRIDGES |
| BDD 95-M2R1 | EXCAVATION AND BACKFILL PAYMENT LINES AND DETAILS FOR BRIDGES |
| BDD 95-3 | EMBANKMENT DETAILS FOR ABUTMENTS FOUNDED ON SPREAD FOOTINGS REQUIRING NO CONSOLIDATION OF FOUNDATION SOIL |
| BDD 95-M3 | EMBANKMENT DETAILS FOR ABUTMENTS FOUNDED ON SPREAD FOOTINGS REQUIRING NO CONSOLIDATION OF FOUNDATION SOIL |
| BDD 95-4 | EMBANKMENT DETAILS FOR ABUTMENTS ON SPREAD FOOTINGS REQUIRING EMBANKMENT CONSTRUCTION TO SUBGRADE PRIOR TO ABUTMENT CONSTRUCTION TO CONSOLIDATE FOUNDATION SOIL |
| BDD 95-M4 | EMBANKMENT DETAILS FOR ABUTMENTS ON SPREAD FOOTINGS REQUIRING EMBANKMENT CONSTRUCTION TO SUBGRADE PRIOR TO ABUTMENT CONSTRUCTION TO CONSOLIDATE FOUNDATION SOIL |
| BDD 95-5 | EMBANKMENT DETAILS FOR ABUTMENTS ON SPREAD FOOTINGS REQUIRING EMBANKMENT CONSTRUCTION TO SUBGRADE ELEVATION, EXCLUDING ABUTMENT AREA, TO CONSOLIDATE FOUNDATION SOIL PRIOR TO ABUTMENT CONSTRUCTION |

| <u>NO.</u> | <u>TITLE</u> |
|------------|--|
| BDD 95-M5 | EMBANKMENT DETAILS FOR ABUTMENTS ON SPREAD FOOTINGS REQUIRING EMBANKMENT CONSTRUCTION TO SUBGRADE ELEVATION, EXCLUDING ABUTMENT AREA, TO CONSOLIDATE FOUNDATION SOIL PRIOR TO ABUTMENT CONSTRUCTION |
| BDD 95-6 | EXCAVATION AND BACKFILL PAYMENT LINES AND DETAILS FOR BRIDGES |
| BDD 95-M6 | EXCAVATION AND BACKFILL PAYMENT LINES AND DETAILS FOR BRIDGES |
| BDD 96-10 | TYPE I SHOULDER DRAINAGE AND APPROACH DETAILS - FULL WIDENING WITH BRUSH CURBS "U WALLS" |
| BDD 96-M10 | TYPE I SHOULDER DRAINAGE AND APPROACH DETAILS - FULL WIDENING WITH BRUSH CURBS "U WALLS" |
| BDD 96-11 | TYPE II SHOULDER DRAINAGE AND APPROACH DETAILS - SIDEWALK ON STRUCTURE, NO SIDEWALK ON APPROACH |
| BDD 96-M11 | TYPE II SHOULDER DRAINAGE AND APPROACH DETAILS - SIDEWALK ON STRUCTURE, NO SIDEWALK ON APPROACH |
| BDD 96-12 | TYPE III SHOULDER DRAINAGE AND APPROACH DETAILS - REDUCED SHOULDERS ON STRUCTURE |
| BDD 96-M12 | TYPE III SHOULDER DRAINAGE AND APPROACH DETAILS - REDUCED SHOULDERS ON STRUCTURE |

| <u>NO.</u> | <u>TITLE</u> |
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| BDD 96-13 | TYPE IV SHOULDER DRAINAGE AND APPROACH DETAILS - NO GUIDE RAIL ON APPROACHES |
| BDD 96-M13 | TYPE IV SHOULDER DRAINAGE AND APPROACH DETAILS - NO GUIDE RAIL ON APPROACHES* |
| BDD 96-14 | TYPE V SHOULDER DRAINAGE AND APPROACH DETAILS - MALLS 36"-0" AND NARROWER |
| BDD 96-M14 | TYPE V SHOULDER DRAINAGE AND APPROACH DETAILS - MALLS 10.92 M AND NARROWER |
| BDD 96-15 | TYPE VI SHOULDER DRAINAGE AND APPROACH DETAILS - MALLS OVER 36'-0" |
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| BDD 96-M20 | POLYVINYL CHLORIDE (PVC) WATERSTOPS |
| BDD 94-44C | TYPE 2 - PERMANENT SNOW FENCE FOR STEEL BRIDGE RAILING |
| BDD 94-M44C | TYPE 2 - PERMANENT SNOW FENCE FOR STEEL BRIDGE RAILING |
| BDD 96-45 | DETAILS FOR MOUNTING G4S GUIDE RAIL ON EXISTING TWO RAIL STEEL BRIDGE RAILING |
| BDD 96-M45 | DETAILS FOR MOUNTING G4S GUIDE RAIL ON EXISTING TWO RAIL STEEL BRIDGE RAILING |

* TITLE SHOWN ABOVE SUPERSEDES INCORRECT TITLE ON SHEET.

| <u>NO.</u> | <u>TITLE</u> |
|-------------|---|
| BDD 96-46 | DETAILS FOR MOUNTING G4S GUIDE RAIL ON EXISTING THREE RAIL STEEL BRIDGE RAILING AND PYLONS |
| BDD 96-M46 | DETAILS FOR MOUNTING G4S GUIDE RAIL ON EXISTING THREE RAIL STEEL BRIDGE RAILING AND PYLONS |
| BDD 82-47 | DETAILS FOR MOUNTING G4S GUIDE RAIL ON EXISTING FOUR RAIL STEEL BRIDGE RAILING |
| BDD 97-54A | THRIE BEAM BRIDGE RAIL (1 OF 2) |
| BDD 97-M54A | THRIE BEAM BRIDGE RAIL (1 OF 2) |
| BDD 97-54B | THRIE BEAM BRIDGE RAIL (2 OF 2) |
| BDD 97-M54B | THRIE BEAM BRIDGE RAIL (2 OF 2) |
| BDD 97-55A | DOUBLE BOX BRIDGE RAIL CURBLESS (1 OF 3) |
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| BDD 95-56 | DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (FOR ATTACHMENT TO BRIDGE RAILING POST OTHER THAN THE FIRST & LAST RAILING POSTS) |

| <u>NO.</u> | <u>TITLE</u> |
|-------------|---|
| BDD 95-M56 | DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (FOR ATTACHMENT TO BRIDGE RAILING POST OTHER THAN THE FIRST & LAST RAILING POSTS) |
| BDD 95-56A | DETAILS FOR TRANSITION TO BRIDGE RAILING (UPGRADED WITH ONE BOX BEAM RAIL) (CONNECTION DETAILS FOR FIRST & LAST RAILING POST) |
| BDD 95-M56A | DETAILS FOR TRANSITION TO BRIDGE RAILING (UPGRADED WITH ONE BOX BEAM RAIL) (CONNECTION DETAILS FOR FIRST & LAST RAILING POST) |
| BDD 95-56B | DETAILS FOR TRANSITION TO BRIDGE RAILING (UPGRADED WITH ONE BOX BEAM RAIL) (APPROACH DETAILS) |
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| BDD 95-57 | DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (TRUSS DETAILS) (SHEET 1 OF 2) |
| BDD 95-M57 | DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (TRUSS DETAILS) (SHEET 1 OF 2) |
| BDD 95-57A | DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (TRUSS DETAILS) (SHEET 2 OF 2) |
| BDD 95-M57A | DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (TRUSS DETAILS) (SHEET 2 OF 2) |

| <u>NO.</u> | <u>TITLE</u> |
|-------------|--|
| BDD 95-57B | DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (APPROACH DETAILS) |
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| BDD 95-58 | DETAILS FOR ATTACHING THRIE BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) |
| BDD 95-M58 | DETAILS FOR ATTACHING THRIE BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) |
| BDD 95-58A | TRANSITION FROM THRIE BEAM BRIDGE RAILING UPGRADING TO CORRUGATED BEAM TYPE GUIDE RAILING |
| BDD 95-M58A | TRANSITION FROM THRIE BEAM BRIDGE RAILING UPGRADING TO CORRUGATED BEAM TYPE GUIDE RAILING |
| BDD 95-80 | SCUPPERS |
| BDD 95-M80 | SCUPPERS |
| BDD 96-106 | CONCRETE BARRIER TRANSITION TO HIGHWAY BOX BEAM SHOULDER TREATMENT |
| BDD 96-M106 | CONCRETE BARRIER TRANSITION TO HIGHWAY BOX BEAM SHOULDER TREATMENT |

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| GLD-A1 | ABUTMENT PLAN AND ELEVATION SPREAD FOOTING FOR SKEW 30° & UNDER | SEPT. 1982 |
| GLD-A2 | ABUTMENT SECTIONS REINFORCEMENT DETAILS FOR SKEW 30° & UNDER | SEPT. 1982 |
| GLD-A3 | PEDESTALS & OVERLAYS FOR SKEW 30° & UNDER | SEPT. 1982 |
| GLD-A4 | ABUTMENT PLAN & ELEVATION ON PILES FOR SKEW 30° & UNDER | SEPT. 1982 |
| GLD-A5 | FOOTING & PILE DETAILS FOR SKEW 30° & UNDER | SEPT. 1982 |
| GLD-A6 | ABUTMENT SECTIONS REINFORCEMENT DETAILS FOR SKEW 30° & UNDER | SEPT. 1982 |
| GLD-A7 | MISC. ABUTMENT DETAILS | NOV. 1980 |
| GLD-A7a | MISC. ABUTMENT DETAILS CONT'D. | JAN. 1982 |
| GLD-A8 | ABUTMENT PLAN AND ELEVATION SPREAD FOOTING FOR SKEWS OVER 30° | SEPT. 1982 |
| GLD-A9 | ABUTMENT SECTIONS REINFORCEMENT DETAILS. FOR SKEWS OVER 30° | SEPT. 1982 |
| GLD-A10 | FLARED WINGWALL ABUTMENT PLAN & ELEVATION ON PILES | SEPT. 1982 |

| <u>NO.</u> | <u>TITLE</u> | <u>DATE</u> |
|------------|--|-------------|
| GLD-A11 | FLARED WINGWALL ABUTMENT FOOTING PLAN & SECTIONS | SEPT. 1982 |
| GLD-A12 | FLARED WINGWALL ABUTMENT REINFORCEMENT PLANS & SECTIONS | SEPT. 1982 |
| GLD-A13 | SUGGESTED ABUTMENT HEADER DETAILS | JAN. 1982 |
| GLD-A14 | SUGGESTED ABUTMENT HEADER DETAILS | JAN. 1982 |
| GLD-A15 | SUGGESTED ABUTMENT HEADER DETAILS | JAN. 1982 |
| GLD-MB1 | CURVED BRIDGE LAYOUT & OPEN WINGWALL ELEVATION CONTINUOUS & SIMPLE SPANS | April 1995 |
| GLD-MMB1 | CURVED BRIDGE LAYOUT & OPEN WINGWALL ELEVATION CONTINUOUS & SIMPLE SPANS | April 1995 |
| GLD-P1 | SOLID PIER ON PILES | JAN. 1982 |
| GLD-P2 | TWO COLUMN PIER ON SPREAD FOOTINGS | JAN. 1982 |
| GLD-P3 | HAMMER HEAD PIER AND DETAILS | JAN. 1982 |
| GLD-P4 | SPECIAL PIER (INDIVIDUAL FOOTING) | JAN. 1982 |
| GLD-P5 | SPECIAL PIER DETAILS | JAN. 1982 |

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| BD-BG2 | ELASTOMERIC BEARING PLAIN (TYPE E.P.) AND STEEL LAMINATED (TYPE E.L.) |
| BD-BG3 | FIXED ELASTOMERIC BEARING STEEL LAMINATED WITH EXTERNAL PLATES (TYPE E.B.) |
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| BD-BG5 | MULTI-ROTAIONAL BEARING DESIGN GUIDELINES (TYPE M.R.) |
| BD-BG6 | MULTI-ROTATIONAL BEARING (TYPE M.R.) |
| -BG7 | MISCELLANEOUS BEARING DETAILS |
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| BD-FD2 | PEDESTRIAN FENCING DETAILS FOR TWO AND FOUR RAIL BRIDGE RAILING |
| BD-FD3 | PEDESTRIAN FENCING ON CONCRETE BARRIER AND PARAPET |
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| BD-IA2 R1 | INTEGRAL ABUTMENTS MISCELLANEOUS DETAILS |
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| <u>NO.</u> | <u>TITLE</u> |
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| BD-JA4 | ARMORED JOINT SYSTEM WITH COMPRESSION SEAL SECTION B-B |
| BD-JA5 | ARMORED JOINT SYSTEM WITH COMPRESSION SEAL SECTION D-D AND DETAILS |
| BD-JM1 | MODULAR JOINT SYSTEM SINGLE CELL ALTERNATE PLAN VIEWS I |
| BD-JM2 | MODULAR JOINT SYSTEM SINGLE CELL ALTERNATE PLAN VIEWS II |
| BD-JM3 | MODULAR JOINT SYSTEM SINGLE CELL SECTIONS A-A & C-C |
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| BD-JM8 | MODULAR JOINT SYSTEM MULTI-CELL SECTIONS A-A & C-C |
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| BD-JM10 R1 | DETAILS OF MULTI-CELL MODULAR JOINT |
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| BD-RC2 R2 | CONCRETE BRIDGE BARRIERS VERTICAL FACED CONCRETE PARAPET |
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| BD-RC4 R2 | COMMON DETAILS FOR BOX BEAM GUIDE RAIL TRANSITION TO CONCRETE BARRIER |
| BD-RC5 R2 | CONCRETE BARRIER TRANSITION TO HIGHWAY BOX BEAM END CONNECTION DETAILS |
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| BD-RC8 | CONCRETE BRIDGE BARRIERS TEXAS AESTHETIC BARRIER REINFORCEMENT DETAILS |
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| <u>NO.</u> | <u>TITLE</u> |
|------------|--|
| BD-RC11 | CONCRETE BRIDGE BARRIERS SINGLE SLOPE SECTIONS & TRANSITION TO BOX BEAM |
| BD-RC12 | CONCRETE BRIDGE BARRIERS SINGLE SLOPE SECTIONS |
| BD-RC13 | CONCRETE BRIDGE BARRIERS SINGLE SLOPE BARRIER TO BOX BEAM TRANSITION |
| BD-RC14 | CONCRETE F-SHAPED BARRIER TRANSITION TO HIGHWAY BOX BEAM END CONNECTION DETAILS |
| BD-RC15 | CONCRETE BRIDGE BARRIERS F-SHAPED SECTIONS |
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| BD-RC18 | CONCRETE BRIDGE BARRIERS THRIE BEAM TRANSITION DETAILS |
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| BD-RP3 | PEDESTRIAN BRIDGE RAILING (NON-VEHICULAR TRAFFIC) |
| BD-RP4 | SECTIONS AND DETAILS FOR BICYCLE AND PEDESTRIAN BRIDGE RAILING |
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| BD-RT1 | TIMBER BRIDGE RAIL ON TIMBER DECK |
| BD-RT2 | TIMBER BRIDGE RAIL ON CONCRETE DECK |
| BD-RT3 | THRIE BEAM TRANSITION TO TIMBER BRIDGE RAIL |
| BD-RT4 | TIMBER BRIDGE RAIL DETAILS |
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| BD-SD1 | DIAPHRAGMS FOR STRAIGHT GIRDERS WITH NO BOTTOM LATERAL BRACING |
| BD-SD2 | DIAPHRAGM DETAILS FOR STRAIGHT GIRDERS WITH NO BOTTOM LATERALS |
| BD-SD3 | DIAPHRAGMS FOR STRAIGHT STRINGERS WITH BOTTOM LATERAL BRACING |
| BD-SD4 | DIAPHRAGMS FOR CURVED STRINGERS |
| BD-SD5 | STRAIGHT GIRDER ELEVATIONS AND SECTIONS |
| BD-SD6 | CURVED GIRDER DETAILS |
| BD-SD7 | TABLES, SCHEMATIC LAYOUTS AND HAUNCH DETAILS |

| <u>NO.</u> | <u>TITLE</u> |
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| BD-SD8 | FRAMING PLAN DETAILS STRAIGHT GIRDERS SKEW 30 DEGREES & UNDER SHOWN |
| BD-SD9 | FRAMING PLAN DETAILS CURVED GIRDERS |
| BD-SD10 | FRAMING DETAILS SKEWS GREATER THAN 30 DEGREES |
| BD-SD11 | MISCELLANEOUS STEEL GIRDER DETAILS |
| BD-SS1 | SUPERSTRUCTURE SLAB ISOTROPIC REINFORCEMENT TRANSVERSE SECTION |
| BD-SS2 | SUPERSTRUCTUE SLAB ISOTROPIC REINFORCEMENT PLANS-SIMPLE SPAN BRIDGES |
| BD-SS3 | SUPERSTRUCTURE SLAB ISOTROPIC REINFORCEMENT CONTINUOUS SLAB PLANS |
| BD-SS4 | SUPERSTRUCTURE SLAB ISOTROPIC REINFORCEMENT SLAB CORNER DETAILS |
| BD-SS5 | SUPERSTRUCTURE SLAB HAUNCH & JOINT DETAILS |
| BD-SS6 | SUPERSTRUCTURE SLAB TRADITIONAL REINFORCEMENT TRANSVERSE SECTION |
| BD-SS7 | SUPERSTRUCTURE SLAB TRADITIONAL REINFORCEMENT SLAB CORNER DETAILS |

STRUCTURES DIVISION MANUALS

| | <u>Issuance Date</u> |
|--|--|
| • Standard Specifications for Highway Bridges | 1992 w/interim 1993 & 6/94 NYS Blue Pages |
| • Bridge Manual | 4/2/98 |
| • Bridge Inventory Manual | 12/1/90 Rev. 11/1/91 |
| • Bridge Inspection Manual | 1997 |
| • Load Rating Users Manual (Available from Ken Whittemore) | 1995 |
| • Bridge Deck Evaluation Manual | 5/6/92 |
| • Steel Construction Manual | 11/6/81 w/Addendum 1 Issued 4/1/84 |
| • Prestressed Concrete Manual | 1/28/88 |
| • Concrete Details Vulnerability Manual | 6/19/97 |
| • Hydraulic Vulnerability Manual | 12/1/91 Rev. 1998 |
| • Steel Details Vulnerability Manual | 6/8/92 |
| • Overload Vulnerability Manual | 8/3/93 |
| • Collision Vulnerability Manual | 2/21/95 |
| • Seismic Vulnerability Manual | 1/17/96 |
| • Design Criteria for Overhead Sign Structures carrying VMS (Available from Tom Morreale) | 9/1968 |

With the exception of the Load Rating Users Manual and the Design Criteria for Overhead Sign Structures, the manuals listed above are available from the Plan Sales Section at the following address:

Building 5, Room 109A
1220 Washington Avenue
Albany, NY 12232-0204
(518) 457-2124

STRUCTURES DESIGN ADVISORY INDEX

| <u>CODE</u> | <u>SUBJECT</u> | <u>DATE</u> |
|-------------|--|-------------|
| 94 -001 | INTRODUCTION TO STRUCTURES DESIGN ADVISORIES | 11/21/94 |
| 94 -002 | PIER REINFORCEMENT PLACEMENT | 11/21/94 |
| *96 -001 | UTILITIES ON BRIDGES WITH INTEGRAL ABUTMENTS | 10/10/96 |
| 96 -002 | GUIDELINES FOR DRILLING AND GROUTING ANCHOR BOLTS AND REINFORCING BARS, AND EMBEDMENT DEPTHS | 11/26/96 |
| *97 -001 | RETROFITTING SIMPLE SPAN STEEL BRIDGES AS CONTINUOUS | 01/08/97 |
| 97 -002 | REMOVING STEEL SUPERSTRUCTURES OR SUBSTRUCTURES CONTAINING LEAD-BASED PAINT | 05/15/97 |
| *97-003 | STAGE CONSTRUCTION OF BRIDGE DECKS - DESIGN GUIDELINES | 08/18/97 |

A.mc:strdes.ndx
2/3/99

* Indicates that the Design Advisory has been incorporated into the
NYSDOT Bridge Manual.

TECHNICAL ADVISORY LIST

Technical Advisories (T.A.s) are a form of communication used by the Structures Division to provide technical information to those involved with bridge inspection activities.

Listed below are the Technical Advisories through T.A. 98-001 that remain in effect:

INSPECTION

- 85-001 Introduction to Technical Advisory
- 86-002 Inspection of Non-Bearing-Centered Connection of Select In Line Thru-Girders
- 86-004 Air Quality Testing of Confined Spaces
- 86-005 Culvert Inspection Manual Report No. FHWA-IP-86-2
- 87-004 Investigation of Trunnion Failures Involving Movable Bridges
- 87-005 "Inspection of Fracture Critical Bridge members-Supplement to Bridge Inspectors's Training Manual" - FHWA-IP-86-26
- 87-006 Bridge Inspection Checklist
- 87-007 Bridge Inspector's Manual for Movable Bridges - FHWA-IP-77-10
- 87-013 Providing Bridge Owners with Bridge Inspection Reports
- 88-001 Shadow Vehicle Policy
- 88-002 Inspection of Bridge Bearing Stools
- 90-001 Inspection and Evaluation of Truss-Floorbeam Hanger Connections
- 94-004 Steel Special Emphasis Stringer Connections
- 96-001 Policy for the 100% "Hands-On" Inspection of Haunch Details
- 96-002 Prestressed Concrete Beam Cracking
- 96-003 Additional Procedure for Inspection Fall Protection
- 98-001 Review and Identification of Information in BIN Folder of Bridges Affected by Tidal Scour in Regions 10 and 11

INVENTORY

- 86-001 Vertical Clearance Measurements for Bridges Spanning Railroads
- 86-002 Modification of Inventory Requirements for 1986
(Regions 1, 4, 5 & 8 only)