



<p>MODIFIED BY EB 98-010 EFFECTIVE 2/10/98 SUPERSEDED BY EB 98-022 EFFECTIVE 5/1/98</p>		<p>New York State Department of Transportation <b>ENGINEERING BULLETIN</b></p>	<p><b>EB</b> <b>97-044</b></p>
<p><i>Expires one year after issue unless replaced sooner</i></p>			
<p>Title: INDEX:     <b>BRIDGE DESIGN DATA SHEETS</b>                       <b>GUIDELINE DRAWINGS</b>                       <b>BRIDGE DETAIL SHEETS</b></p>			
<p>Distribution:</p> <p><input type="checkbox"/> Manufacturers (18)     <input 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 type="checkbox"/> Contractors (39)  <input checked="" type="checkbox"/> Regions/Agencies (32)     <input type="checkbox"/> _____ ( )</p>	<p>Approved:</p> <p>  JAMES M. O'CONNELL     6/30/97  Deputy Chief Engineer (Structures)     Date</p>		

This Engineering Bulletin (EB) rescinds Engineering Bulletin 96-032.

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

- Bridge Design Data Sheets (BDD)
- Guideline Drawings (GLD)
- Bridge Detail Sheets (BD)

Questions concerning this EB should be directed to John F. Sadowski of the Structures Division at (518) 457-4453.

INDEX

BRIDGE DESIGN DATA SHEETS

<u>NO.</u>	<u>TITLE</u>
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>
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"
BDD 96-M15	TYPE VI SHOULDER DRAINAGE AND APPROACH DETAILS - MALLS OVER 10.92 M
BDD 96-18	DETAILS FOR ATTACHING BOX BEAM GUIDE RAILING TO FOUR RAIL STEEL RAILING (NEW AND EXISTING CONSTRUCTION WITH SIDEWALKS ON THE STRUCTURE AND NO SIDEWALKS ON THE APPROACH)
BDD 96-M18	DETAILS FOR ATTACHING BOX BEAM GUIDE RAILING TO FOUR RAIL STEEL RAILING (NEW AND EXISTING CONSTRUCTION WITH SIDEWALKS ON THE STRUCTURE AND NO SIDEWALKS ON THE APPROACH)
BDD 96-20	POLYVINYL CHLORIDE (PVC) WATERSTOPS
BDD 96-M20	POLYVINYL CHLORIDE (PVC) WATERSTOPS

\* TITLE SHOWN ABOVE SUPERSEDES INCORRECT TITLE ON SHEET.

<u>NO.</u>	<u>TITLE</u>
BDD 83-35	STEEL ROCKER BEARING TYPE S.R. (MODIFIED BY EI 85-13)
BDD 83-36A	STEEL SLIDING BEARING TYPE S.S. (MODIFIED BY EI 85-13)
BDD 84-37	MULTI-ROTATIONAL BEARING (MODIFIED BY EI 85-13)
BDD 84-38	PLAIN ELASTOMERIC BEARINGS TYPE E.P.
BDD 84-39	STEEL LAMINATED ELASTOMERIC BEARING - TYPE E.L.
BDD 84-40	ELASTOMERIC BEARING WITH EXTERNAL LOAD PLATES - TYPE E.B.
BDD 96-44	PEDESTRIAN FENCING FOR STEEL BRIDGE RAILING*
BDD 96-M44	PEDESTRIAN FENCING FOR STEEL BRIDGE RAILING*
BDD 96-44A	PEDESTRIAN FENCING ON CONCRETE BRIDGE BARRIERS*
BDD 96-M44A	PEDESTRIAN FENCING ON CONCRETE BRIDGE BARRIERS*
BDD 94-44B	TYPE 1 - PERMANENT SNOW FENCE FOR STEEL BRIDGE RAILING
BDD 94-M44B	TYPE 1 - PERMANENT SNOW FENCE FOR STEEL BRIDGE RAILING
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

\* TITLE SHOWN ABOVE SUPERSEDES INCORRECT TITLE ON SHEET.

<u>NO.</u>	<u>TITLE</u>
BDD 96-M45	DETAILS FOR MOUNTING G4S GUIDE RAIL ON EXISTING TWO RAIL STEEL BRIDGE RAILING
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 81-50A	STEEL BRIDGE RAILING-ONE RAIL
BDD 79-50B	PARAPET WALL TRANSITION TO HIGHWAY GUIDE RAILING - STEEL BRIDGE RAILING- ONE RAIL (MODIFIED BY EB 80-26)
BDD 97-51A	STEEL BRIDGE RAILING - TWO RAIL (FOR USE ON CURBLESS BRIDGES ONLY) (1 OF 3)
BDD 97-M51A	STEEL BRIDGE RAILING - TWO RAIL (FOR USE ON CURBLESS BRIDGES ONLY) (1 OF 3)
BDD 97-51B	STEEL BRIDGE RAILING - TWO RAIL (FOR USE ON CURBLESS BRIDGES ONLY) (2 OF 3)
BDD 97-M51B	STEEL BRIDGE RAILING - TWO RAIL (FOR USE ON CURBLESS BRIDGES ONLY) (2 OF 3)
BDD 97-51C	STEEL BRIDGE RAILING - TWO RAIL (FOR USE ON CURBLESS BRIDGES ONLY) (3 OF 3)
BDD 97-M51C	STEEL BRIDGE RAILING - TWO RAIL (FOR USE ON CURBLESS BRIDGES ONLY) (3 OF 3)
BDD 97-52A	STEEL BRIDGE RAILING - (FOUR RAIL) DWG.1 OF 3
BDD 97-M52A	STEEL BRIDGE RAILING - FOUR RAIL (SHEET 1 OF 3)
BDD 97-52B	STEEL BRIDGE RAILING - (FOUR RAIL) DWG 2 OF 3

<u>NO.</u>	<u>TITLE</u>
BDD 97-M52B	STEEL BRIDGE RAILING - FOUR RAIL (SHEET 2 OF 3)
BDD 97-52C	STEEL BRIDGE RAILING - FOUR RAIL (SHEET 3 OF 3)
BDD 97-M52C	STEEL BRIDGE RAILING - FOUR RAIL (SHEET 3 OF 3)
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)
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)
BDD 95-M56B	DETAILS FOR TRANSITION TO BRIDGE RAILING (UPGRADED WITH ONE BOX BEAM RAIL) (APPROACH DETAILS)
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)

<u>NO.</u>	<u>TITLE</u>
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)
BDD 95-57B	DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (APPROACH DETAILS)
BDD 95-M57B	DETAILS FOR ATTACHING BOX BEAM RAILING TO BRIDGE RAILING (BRIDGE RAILING UPGRADING) (APPROACH DETAILS)
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 95-59A	STEEL BRIDGE RAILING-TWO RAIL (FOR USE ON BRUSH CURBS ONLY) SHEET 1 of 3
BDD 95-M59A	STEEL BRIDGE RAILING-TWO RAIL (FOR USE ON BRUSH CURBS ONLY) SHEET 1 of 3
BDD 95-59B	STEEL BRIDGE RAILING-TWO RAIL (FOR USE ON BRUSH CURBS ONLY) SHEET 2 of 3
BDD 95-M59B	STEEL BRIDGE RAILING-TWO RAIL (FOR USE ON BRUSH CURB ONLY) SHEET 2 of 3

<u>NO.</u>	<u>TITLE</u>
BDD 95-59C	STEEL BRIDGE RAILING-TWO RAIL (FOR USE ON BRUSH CURBS ONLY) SHEET 3 of 3
BDD 95-M59C	STEEL BRIDGE RAILING-TWO RAIL (FOR USE ON BRUSH CURB ONLY) SHEET 3 of 3
BDD 95-61	DETAILS OF ARMORED JOINT SYSTEM WITH COMPRESSION SEAL AT PIER
BDD 95-62	DETAILS OF ARMORED JOINT SYSTEM WITH COMPRESSION SEAL AT ABUTMENT
BDD 95-63	DETAILS OF ARMORED JOINT SYSTEM WITH COMPRESSION SEAL
BDD 95-72	DETAILS FOR THE CONNECTION OF STEEL BRIDGE RAILING TO VARIOUS DECK AND SUBSTRUCTURE ELEMENTS (INCLUDES REIN- FORCING DETAILS IN THE VARIOUS DECK AND SUBSTRUCTURE ELEMENTS)
BDD 95-M72	DETAILS FOR THE CONNECTION OF STEEL BRIDGE RAILING TO VARIOUS DECK AND SUBSTRUCTURE ELEMENTS (INCLUDES REIN- FORCING DETAILS IN THE VARIOUS DECK AND SUBSTRUCTURE ELEMENTS)
BDD 95-72A	DETAILS FOR THE CONNECTION OF STEEL BRIDGE RAILING TO VARIOUS DECK AND SUBSTRUCTURE ELEMENTS (INCLUDES REIN- FORCING DETAILS IN THE VARIOUS DECK AND SUBSTRUCTURE ELEMENTS)
BDD 95-M72A	DETAILS FOR THE CONNECTION OF STEEL BRIDGE RAILING TO VARIOUS DECK AND SUBSTRUCTURE ELEMENTS (INCLUDES REIN- FORCING DETAILS IN THE VARIOUS DECK AND SUBSTRUCTURE ELEMENTS)
BDD 95-73	DETAILS FOR THE CONNECTION OF STEEL RAILING TO BOX BEAM SUPERSTRUCTURE AND SUBSTRUCTURE ELEMENTS
BDD 95-M73	DETAILS FOR THE CONNECTION OF STEEL RAILING TO BOX BEAM SUPERSTRUCTURE AND SUBSTRUCTURE ELEMENTS

<u>NO.</u>	<u>TITLE</u>
BDD 95-73A	DETAILS FOR THE CONNECTION OF STEEL RAILING TO BOX BEAM SUPERSTRUCTURE AND SUBSTRUCTURE ELEMENTS
BDD 95-M73A	DETAILS FOR THE CONNECTION OF STEEL RAILING TO BOX BEAM SUPERSTRUCTURE AND SUBSTRUCTURE ELEMENTS
BDD 95-74	DETAILS FOR CONNECTION PLATES USED TO ANCHOR STEEL RAILING TO BOX BEAM SUPERSTRUCTURE (ALSO CURB AND MISCELLANEOUS DETAILS)
BDD 95-M74	DETAILS FOR CONNECTION PLATES USED TO ANCHOR STEEL RAILING TO BOX BEAM SUPERSTRUCTURE (ALSO CURB AND MISCELLANEOUS DETAILS)
BDD 95-80	SCUPPERS
BDD 95-M80	SCUPPERS
BDD 96-90	REINFORCED CONCRETE APPROACH SLABS FOR USE AT CONVENTIONAL ABUTMENTS
BDD 96-M90	REINFORCED CONCRETE APPROACH SLABS FOR USE AT CONVENTIONAL ABUTMENTS
BDD 96-90A	REINFORCED CONCRETE APPROACH SLABS FOR USE AT JOINTLESS BRIDGES
BDD 96-M90A	REINFORCED CONCRETE APPROACH SLABS FOR USE AT JOINTLESS BRIDGES
BDD 96-90B	REINFORCED CONCRETE APPROACH SLABS FOR USE AT INTEGRAL ABUTMENTS
BDD 96-M90B	REINFORCED CONCRETE APPROACH SLABS FOR USE AT INTEGRAL ABUTMENTS
BDD 95-95	STRUCTURAL SLAB CONCRETE (OPTIONAL FORMING SYSTEMS)
BDD 95-M95	STRUCTURAL SLAB CONCRETE (OPTIONAL FORMING SYSTEMS)
BDD 96-106	CONCRETE BARRIER TRANSITION TO HIGHWAY BOX BEAM SHOULDER TREATMENT

NO.

TITLE

BDD 96-M106

CONCRETE BARRIER TRANSITION TO  
HIGHWAY BOX BEAM SHOULDER  
TREATMENT

INDEX

GUIDELINE DRAWINGS

<u>NO.</u>	<u>TITLE</u>	<u>DATE</u>
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
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

<u>NO.</u>	<u>TITLE</u>	<u>DATE</u>
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-MC1	FASCIA AND HAUNCH DETAILS SIMPLE SPANS, CONTINUOUS SPANS	April 1995
GLD-MMC1	FASCIA AND HAUNCH DETAILS SIMPLE SPANS, CONTINUOUS SPANS	April 1995
GLD-MC2	SLAB CORNER DETAILS-SKEWS UP TO 45° - SIMPLE SPANS, CONTINUOUS SPANS	April 1995
GLD-MMC2	SLAB CORNER DETAILS-SKEWS UP TO 45° - SIMPLE SPANS, CONTINUOUS SPANS	April 1995
GLD-MC3	OVERLAY AND END OF SLAB REINFORCEMENT AND CONSTRUCTION DETAILS	April 1995
GLD-MMC3	OVERLAY AND END OF SLAB REINFORCEMENT AND CONSTRUCTION DETAILS	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
GLD-SS1	TRANSVERSE SECTION & FRAMING PLAN FOR SKEW 30° & UNDER - SIMPLE SPANS	AUG. 1996
GLD-MSS1	TRANSVERSE SECTION & FRAMING PLAN FOR SKEW 30° & UNDER - SIMPLE SPANS	AUG. 1996

<u>NO.</u>	<u>TITLE</u>	<u>DATE</u>
GLD-SS2	SLAB REINFORCEMENT FOR SKEW 30° & UNDER	AUG. 1996
GLD-MSS2	SLAB REINFORCEMENT FOR SKEW 30° & UNDER	AUG. 1996
GLD-SS3	FRAMING PLAN & SLAB REINFORCEMENT FOR SKEWS OVER 30° - CONTINUOUS SPANS	AUG. 1996
GLD-MSS3	FRAMING PLAN & SLAB REINFORCEMENT FOR SKEWS OVER 30° - CONTINUOUS SPANS	AUG. 1996
GLD-SS4	TRANSVERSE SECTION & SLAB REINFORCEMENT-CURVED STRUCTURE CONTINUOUS SPANS	AUG. 1996
GLD-MSS4	TRANSVERSE SECTION & SLAB REINFORCEMENT-CURVED STRUCTURE CONTINUOUS SPANS	AUG. 1996

MGC:GLD

INDEX  
BRIDGE DETAIL SHEETS

<u>NO.</u>	<u>TITLE</u>
BD-IA1	INTEGRAL ABUTMENTS SECTIONS THRU ABUTMENT
BD-IA2	INTEGRAL ABUTMENTS MISCELLANEOUS DETAILS
BD-IA3	INTEGRAL ABUTMENTS CONSTRUCTION DETAILS
BD-JA1	ARMORED JOINT SYSTEM WITH COMPRESSION SEAL ALTERNATE PLAN VIEWS I
BD-JA2	ARMORED JOINT SYSTEM WITH COMPRESSION SEAL ALTERNATE PLAN VIEWS II
BD-JA3	ARMORED JOINT SYSTEM WITH COMPRESSION SEAL SECTIONS A-A & C-C
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
BD-JM4	MODULAR JOINT SYSTEM SINGLE CELL SECTION B-B

<u>NO.</u>	<u>TITLE</u>
BD-JM5	DETAILS FOR SINGLE CELL MODULAR JOINT SYSTEM
BD-JM6	MODULAR JOINT SYSTEM MULTI-CELL ALTERNATE PLAN VIEWS I
BD-JM7	MODULAR JOINT SYSTEM MULTI-CELL ALTERNATE PLAN VIEWS II
BD-JM8	MODULAR JOINT SYSTEM MULTI-CELL SECTIONS A-A & C-C
BD-JM9	MODULAR JOINT SYSTEM MULTI-CELL SECTIONS B-B, D-D & E-E
BD-JM10 R1	DETAILS OF MULTI-CELL MODULAR JOINT
BD-PC1	TYPICAL PRESTRESSED BEAM SECTIONS
BD-PC2	TRANSVERSE SECTION AND SUPERSTRUCTURE PLAN FOR ADJACENT BEAMS
BD-PC3	PRESTRESSED CONCRETE BOX BEAM PLAN & ELEVATION
BD-PC4	PRESTRESSED CONCRETE BOX BEAM DETAILS
BD-PC5	BOX BEAM TRANSVERSE TENDONS AND SHEAR KEYS
BD-PC6	BOX BEAM ANCHOR DOWEL AND MISCELLANEOUS DETAILS
BD-PC7	BOX BEAM STAGE CONSTRUCTION DETAILS
BD-PC8	BOX BEAM CONTINUOUS SPAN DETAILS
BD-PC9	TRANSVERSE SECTION AND DIAPHRAGM DETAILS FOR I-BEAMS
BD-PC10	FRAMING PLAN AND DIAPHRAGM DETAILS FOR I-BEAMS
BD-PC11	I-BEAM DETAILS
BD-PC12	MISCELLANEOUS I-BEAM DETAILS
BD-RC1 R1	PERMANENT CONCRETE TRAFFIC BARRIER FOR STRUCTURES (HALF SECTION)

<u>NO.</u>	<u>TITLE</u>
BD-RC2 R1	VERTICAL FACED CONCRETE PARAPET
BD-RC3 R1	BOX BEAM GUIDE RAIL TRANSITION TO CONCRETE BARRIER
BD-RC4 R1	COMMON DETAILS FOR BOX BEAM GUIDE RAIL TRANSITION TO CONCRETE BARRIER
BD-RC5 R1	CONCRETE BARRIER TRANSITION TO HIGHWAY BOX BEAM END CONNECTION DETAILS
BD-RC6 R1	VERTICAL FACED CONCRETE PARAPET TRANSITION TO HIGHWAY BOX BEAM
BD-RC7 R1	VERTICAL FACED CONCRETE PARAPET FLARED TRANSITION TO HIGHWAY BOX BEAM
BD-RP1	BICYCLE RAILING ATTACHED TO CONCRETE TRAFFIC BARRIER
BD-RP2	BICYCLE BRIDGE RAILING (NON-VEHICULAR TRAFFIC)
BD-RP3	PEDESTRIAN BRIDGE RAILING (NON-VEHICULAR TRAFFIC)
BD-RP4	SECTIONS AND DETAILS FOR BICYCLE AND PEDESTRIAN BRIDGE RAILING
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>
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