

NOTES (GIRDER):

- 2" Ø HOLE (INTERIOR GIRDERS) AND 1" Ø COIL INSERT (EXTERIOR GIRDERS) ARE REQUIRED AT ${\bf L}$ INTERMEDIATE DIAPHRAGM WHEN CALLED FOR IN THE PLANS.
- THIS DIMENSION MAY BE ADJUSTED TO CLEAR DRAPED STRANDS WHEN NECESSARY AND IS TYPICAL FOR ALL GIRDERS REGARDLESS ፟ 2.
- USE I (ONE) ANCHOR BOLT FOR PREFORMED SILICONE SEALED JOINT USE 2 (TWO) ANCHOR BOLTS FOR PREFORMED NEOPRENE SEALED JOINT. ANCHOR BOLTS AT CONTINUITY ENDS.
- COIL INSERTS SHALL BE WILLIAMS TYPE C17-1x4 THIN SLAB LIFTING INSERT OR AN APPROVED EQUAL.

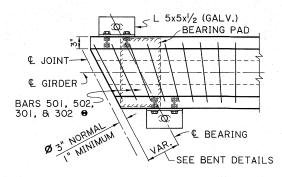
NOTES (BEARING PAD AND ASSEMBLY):

- BEARING PADS ARE TO BE AS SPECIFIED IN THE PLANS AND SPECIFICATIONS, AND SHALL BE PROVIDED AT END OF ALL GIRDERS. ALL COSTS ASSOCIATED WITH THE MANUFACTURING, TESTING, SHIPPING, AND PLACING OF BEARINGS ARE TO BE PAID FOR PER 814.06 OF THE STANDARD SPECIFICATIONS.
- BEARING ASSEMBLY (ANGLES, CAP SCREWS, WASHERS, THREADED INSERTS, AND ANCHOR BOLTS), ARE REQUIRED ONLY ON GIRDER ENDS THAT ARE BELOW DECK JOINTS AND THAT ARE SPECIFIED IN THE PLANS TO BE ANCHORED. BEARING ASSEMBLY IS NOT REQUIRED AT FIXED ENDS OF CONTINUOUS SPAN GIRDERS.
- WASHERS AND CAP SCREWS AT BEARING ASSEMBLY ARE TO BE GALVANIZED. AT THE CONTRACTOR'S OPTION, THREADED INSERTS AT BEARING ASSEMBLY MAY BE GALVANIZED OR ELECTROPLATED AND COVERED WITH GREASE. ALL STEEL CLIP ANGLES SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH THE STANDARD

DAMAGED GALVANIZED COATS THAT ARE NOT TO BE EMBEDDED IN MORE THAN THREE INCHES OF CONCRETE SHALL BE REPAIRED WITH AN APPROVED COLD-APPLIED, ZINC-RICH, ORGANIC PAINT OR COMPOUND FROM THE DOTD APPROVED MATERIALS LIST, OR BY ANY OTHER REPAIR METHOD APPROVED BY THE ENGINEER.

NOTES (PAY QUANTITIES):

MATERIALS TO BE INCLUDED IN PRICE BID PER LINEAR FOOT OF PRECAST-PRESTRESSED CONCRETE GIRDERS ARE LISTED ON SHEETS 2 & 3 OF 3.



I"Ø x 4" COIL INSERT

I" SCH 40 PVC

TRANSPORTATION GIRDER BT-72

GIRDER CONCRETE STRENGTH.

ON SHOP DRAWINGS.

I. FIELD DRILLING OF HOLES IS NOT PERMITTED. 2. NUMBER & LOCATION OF HOLES TO BE SHOWN

3. SUGGESTED METHOD SHOWN ABOVE. CONTRACTOR TO SUBMIT HIS METHOD FOR REVIEW & APPROVAL.

4. AFTER TRANSPORTATION, HOLES IN GIRDER WEB SHALL

MATERIAL, THEN FILLED COMPLETELY WITH A NON-SHRINK GROUT THAT MATCHES OR EXCEEDS THE

BE CLEANED OF FORM MATERIAL AND FORM RELEASE

PREFORMED

CHAINS TO

VEHICLE

TRANSPORTATION

SLEEVE

%" BENT-PLATE

DETAIL A

Ø ASTM A193

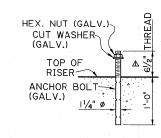
ALL THREAD ROD

GRADE B7

SKEW JOINT AT END AND TRANSITION BENTS

(DETAILS NOT SHOWN SIMILAR TO DETAILS SHOWN RIGHT) • ADJUSTMENT TO STANDARD BAR DIMENSIONS

FOR 501, 502, 301, AND 302 WILL BE REQUIRED IN HIGH SKEW ENDS.



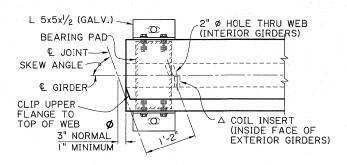
GIRDER ANCHOR BOLT

ANCHOR BOLTS TO BE SWEDGED, ASTM F1554 AND ASTM F2329, GRADE 36, GALV., UNLESS OTHERWISE NOTED, AND INCLUDED AS STRUCTURAL METALWORK IN BENT OR PIER

INSTALLING ANCHOR BOLTS BY DRILLING WILL NOT BE ALLOWED. ONE OF THE FOLLOWING ALTERNATES SHALL BE UTILIZED:

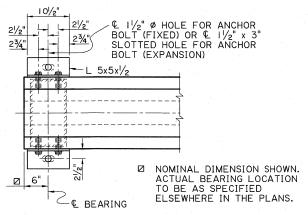
I. CAST ANCHOR BOLT IN PLACE WITH CAP. 2. PREFORM HOLE WITH A BLOCK-OUT AND THEN SET ANCHOR BOLT WITH A NON-SHRINK GROUT FROM THE LA DOTD APPROVED MATERIALS LIST.

 Δ ASSUMES A MAXIMUM BEARING PAD THICKNESS OF 3". LENGTHEN ANCHOR BOLT FOR THICKER BEARING PADS.



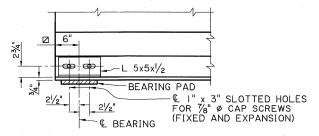
SKEW JOINT AT INTERMEDIATE BENT

- A SKEW THREADED INSERTS AT GIRDER ENDS ADJACENT TO END BENT WHEN SKEW ANGLE EXCEEDS 15° FROM NORMAL.
- Ø PERPENDICULAR TO & JOINT.



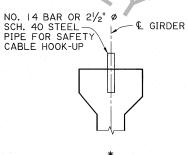
PART PLAN AT END OF GIRDER '

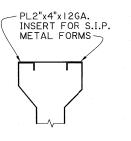
(SHOWING BEARING ANCHOR DETAILS) (APPLIES ONLY TO GIRDERS TO BE ANCHORED AS SPECIFIED IN PLANS.)



PART ELEVATION OF GIRDER END AT JOINT *

AASHTO GIRDER DETAILS INDEX BRIDGE STANDARD SERIES **DESCRIPTION** INDEX NO. BD.2.2.2.0.01 OF 3 GIRDER HARDWARE AND BEARING PADS BD.2.2.2.0.02 2 OF 3 MILD STEEL REINFORCEMENT BD.2.2.2.0.03 3 OF 3 WELDED WIRE FABRIC REINFORCEMENT







ALL GIRDERS

INTERIOR GIRDER

EXTERIOR GIRDER

ELEVATION - TOP FLANGE SHOWING MISC. ATTACHMENTS



DESIGN

AASHTO

PADS

BEARING

AND GIRDER

HARDWARE

Ы

CONTROL SECTION STATE PROJECT

A.LANCASTER X. WANG X. WANG X. WANG X. WANG X.Z. FU ST.Z. FU ST.Z.

GIRDER

REINFORCEMENT

MILD STEEL

