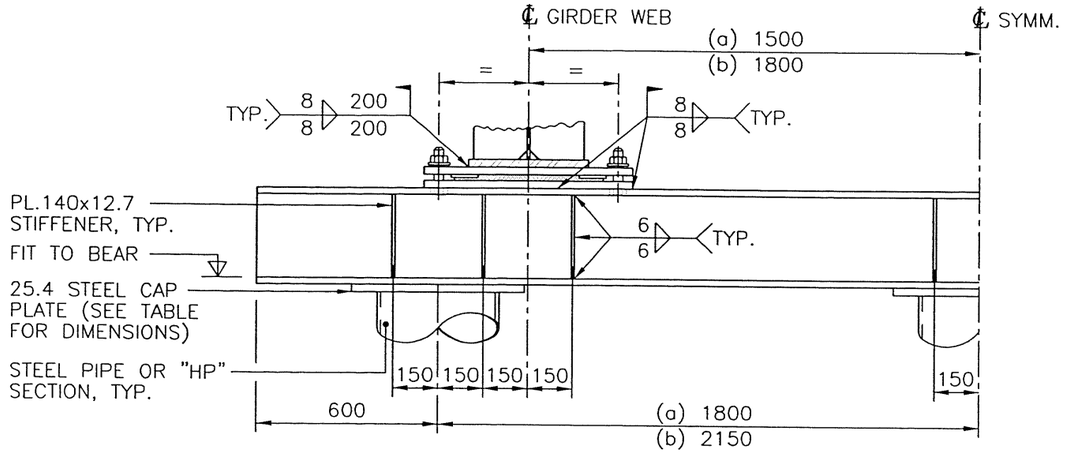
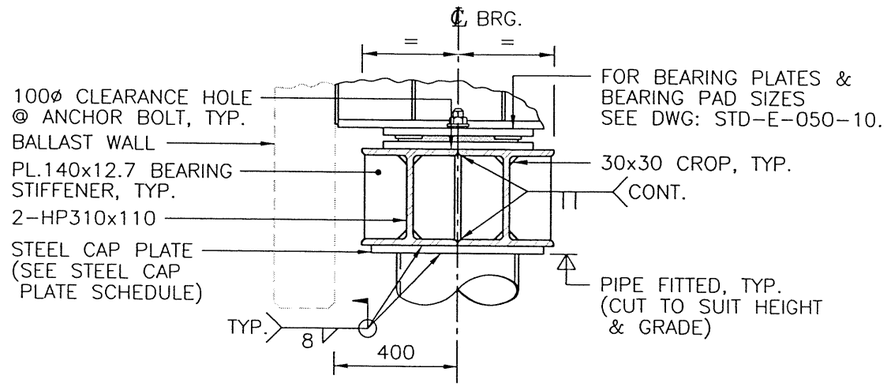


1/2 STEEL CAP BEAM ELEVATION

1:20



DOUBLE STEEL CAP BEAM SECTION

1:20

LOADING/SPAN CAP DESIGN SCHEDULE
(GIRDERS @ 3000 C/C.)

SPAN	L75	L100	L150	L165
12000	DOUBLE	DOUBLE	N/A.	N/A.
18000	DOUBLE	DOUBLE	N/A.	N/A.
24000	DOUBLE	DOUBLE	N/A.	N/A.
30000	DOUBLE	DOUBLE	N/A.	N/A.
36000	DOUBLE	DOUBLE	N/A.	N/A.
39000	DOUBLE	N/A.	N/A.	N/A.

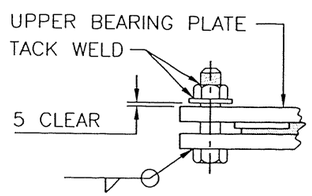
NOTE: SINGLE HP310x110 STEEL CAP NOT APPLICABLE

LOADING/SPAN CAP DESIGN SCHEDULE
(GIRDERS @ 3600 C/C.)

SPAN	L75	L100	L150	L165
12000	DOUBLE	DOUBLE	DOUBLE	DOUBLE
18000	DOUBLE	DOUBLE	N/A.	N/A.
24000	DOUBLE	DOUBLE	N/A.	N/A.
30000	DOUBLE	N/A.	N/A.	N/A.
36000	DOUBLE	N/A.	N/A.	N/A.
39000	N/A.	N/A.	N/A.	N/A.

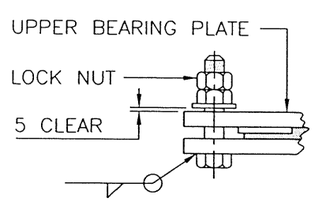
STEEL CAP PLATE SCHEDULE

PIPE DIAMETER	PLATE SIZE
323	475 x 25.4 x 475
406	575 x 25.4 x 575
508	675 x 25.4 x 675



TYPICAL BEARING CONNECTION BOLT DETAIL

1:10



ALTERNATE BEARING CONNECTION BOLT DETAIL

1:10

NOTES

1. FOR DEFINITION OF LOADS REFER TO FOREST SERVICE BRIDGE DESIGN AND CONSTRUCTION MANUAL.
2. DESIGN: CAN/CSA-S6-88 (MODIFIED).
   FOREST SERVICE BRIDGE DESIGN AND CONSTRUCTION MANUAL, JULY 1999.
3. STEEL: CSA G40.21M GRADE 350AT CAT. 3 (PLATE)
   GRADE 300W (SECTIONS)
4. WELDING: CSA W59 6 F.W. U/N. FIELD WELDERS CERTIFIED TO CSA W47.
5. WHERE DOUBLE HP310x110 NOT APPLICABLE USE PRECAST CONCRETE CAP.

ASSUME NOT TO SCALE

SCALE AS SHOWN

Designed J.H. Date MAR. 2000
Checked D.I.H. Date MAR. 2000
Drawn J.E.H. Date MAR. 2000

Rev	Date	DESCRIPTION	Init

REVISIONS

Province of British Columbia
MINISTRY OF FORESTS
RESOURCE TENURES and ENGINEERING BRANCH

STANDARD BRIDGE DRAWING

STEEL ABUTMENT CAP BEAMS FOR STEEL BRIDGES
STEEL CAP BEAM – 3 PILE/COLUMN SYSTEM

ORIGINAL SIGNED and SEALED BY:
DAVID I. HARVEY, P.ENG.

APPROVED BY

DESIGN ENGINEER
DATE JULIEN HENLEY, P.ENG

MOF ENGINEER
DATE

FILE No.

DRAWING No.
STD-E-050-61

CANCEL PRINTS BEARING PREVIOUS LETTER