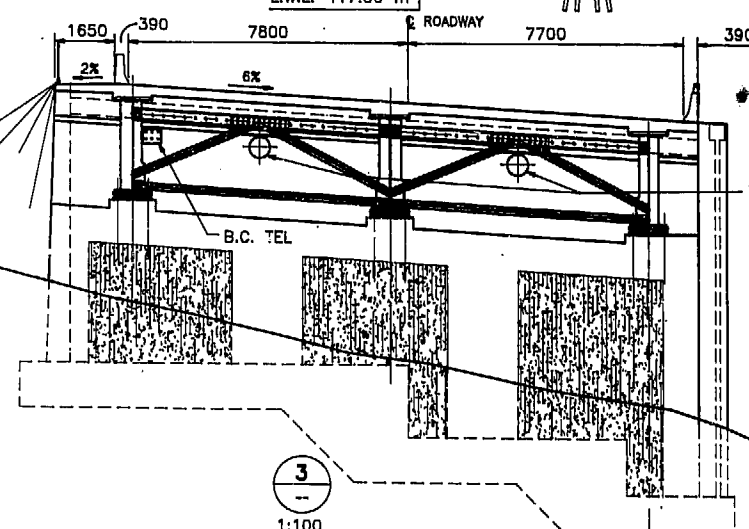


FOR APPROACH & BRIDGE END FILL SEE DWGS R3-122-9 & R3-122-13

ELEVATION (m)

440
430
420
410



GENERAL NOTES:

- DESIGN STANDARD IS CAN/CSA-S6-88 "DESIGN OF HIGHWAY BRIDGES" WITH SEISMIC DESIGN AS PER ATC-6 "SEISMIC DESIGN GUIDELINES FOR HIGHWAY BRIDGES".
- DESIGN LOADS:
 - LIVE LOAD: CS-600.
 - DEAD LOAD INCLUDES 1.2 kN/m² ALLOWANCE FOR FUTURE 50 mm WEARING SURFACE.
 - DESIGN LOAD FOR UTILITIES 4.0 kN/m
 - SEISMIC: A = 0.05.
 - TEMPERATURE RANGE: MAXIMUM 47°C MINIMUM -27°C
 - GROUND SNOW LOAD: SNOW 2.5 kPa RAIN 0.1 kPa
 - RAINFALL: 10mm/15 MIN.
 - WIND LOAD: 1/100 YEAR REFERENCE VELOCITY PRESSURE = 0.39 kPa
 - ICE LOAD: 1 cm SHEET ICE @ 2.0m/s
 - SHIP IMPACT: 1300 kN (FACTORED ULTIMATE)
- FOR HORIZONTAL AND VERTICAL ALIGNMENT SEE DRAWINGS 2987-10 AND 2987-11.
- GEOMETRY SHOWN ON DRAWINGS IS FOR REFERENCE TEMPERATURE OF 15°C
- PROVISION FOR UTILITIES IS PROVIDED IN THIS CONTRACT. UTILITY INSTALLATION AT A FUTURE DATE IS BY OTHERS.

FOR PILE TIP ELEVATIONS SEE DWG. 2987-17 (TYP)

BUCKLAND and TAYLOR Ltd.
CONSULTING ENGINEERS, NORTH VANCOUVER, B.C., CANADA

Province of British Columbia
MINISTRY OF TRANSPORTATION AND HIGHWAYS
BRIDGE ENGINEERING BRANCH

DESIGNED D.G. DATE 92/9/30
CHECKED D.G.C. DATE 92/9/30
DRAWN M.S.S./L.S. DATE 92/9/30

SCALE 1:1000 U/N

Rev	Date	Description	Init
A	94/12/20	"AS BUILT" NO CHANGE	MDA

REVISIONS

KOOTENAY BOUNDARY DISTRICT
CASTLEGAR - ROBSON CONNECTOR

CASTLEGAR-ROBSON BRIDGE No. 2987 (STEEL)
GENERAL ARRANGEMENT

PREPARED BY P.M. JAYCO	RECOMMENDED ORIGINAL SIGNED BY P. BRETT	ACCEPTED FOR CONSTRUCTION ORIGINAL SIGNED BY EARL LUND
DATE 92/9/30	DATE 92/10/03	DATE 92/10/14
FILE No.	NEGATIVE No.	DRAWING No.
		2987-12-A