



#1 - STANDARD GIRDER TEST

MOMENT (kNm)	DEFLECTION (mm)
169.3	18.25
169.3	19.25
185.9	19.50
203.1	21.0
220.3	23.0

#2 - UNDERSLUNG SYSTEM

MOMENT (kNm)	DEFLECTION (mm)
174.0	0.5
191.2	1.0
205.4	1.0
222.6	1.0
266.0	1.5
295.6	2.0
337.7	2.5

#3 - TRANSVERSE CABLE 2-15.7mm φ

MOMENT (kNm)	DEFLECTION (mm)
169.3	-8.5
185.9	-8.5
203.1	-9.5
220.3	-9.5
261.3	-11.5
290.8	-12.5
333.0	-15.5

#4 - TRANSVERSE CABLE 6-12.7mm φ

MOMENT (kNm)	DEFLECTION (mm)
169.3	0
213.7	2.25
258.2	5.25
302.6	6.00
347.0	9.75
391.5	12.75

#5 - TIGHTENED DYWIDAG

MOMENT (kNm)	DEFLECTION (mm)
174.9	8.25
191.6	9.25
208.3	9.75
224.9	10.5
245.7	11.75
278.9	12.75

#6 - STRESSED DYWIDAG

MOMENT (kNm)	DEFLECTION (mm)
175.9	4.0
191.6	5.0
208.3	5.0
238.4	6.0
268.5	7.5
298.7	8.5
328.8	9.5

APPROVED _____ CHIEF BRIDGE ENGINEER		Alberta TRANSPORTATION BRIDGE BRANCH METRIC	
REVISIONS NO. DATE DESCRIPTION		VF GIRDER ASSEMBLY TEST RESULTS	
DESIGNED	DRAWN BY	DATE	CHECKED BY
B. L. C.	M. M. F.	79 FEB 04	
STREAM	LOCATION	HWY NO	SCALE
FILE NO	SHEET	DWG NO	
		S-1438	