

PROJECT NAME: TELKWA 62.2	JOB NUMBER:	CNRAIL0802
BULKLEY RIVER CROSSING, WIDENING OF 24.0m SPAN, TPG BRIDGE	DESIGNED	CHECKED
TASK: 6. SUPERSTRUCTURE ANALYSIS AND DESIGN	DGT	
	DATE:	DATE:
SUBTASK: 6.10.STRINGERS	5-Aug-08	

AREMA, CHAPTER 15

§ 1.3.4.

As per § 1.3.4. (b) No longitudinal live load distribution

W410X67

W410X67

DO NOT SERVE AS A LOAD CARRYING MEMBERS, JUST TAKE SELFWEIGHT AND STIFFENT FLOOR BEAMS -LATERALLY
SERVE IN LOAD SHARE IN TRACTION BRACING

max AXIAL FORCE FROM TRACTION
SEE 6.5. OF THIS CALCULATION BOOK
FROM 6.1. MATERIALS AND GEOMETRY:

Max AXIAL STRESS
UNSUPPORTE DLENGTH=

1735 mm 4 MMOST NEGLIGABLE STRESS

O.K.

TOP & BOTTOM FLANGE 225 KNEE BRACE PLATE & SPAN R ₹ BASE-OF RAIL L100x100x10 2600 I TRACTION BRACING SEE DETAIL "4" ON DWG. -4.5 JL100x100x13-20 20 DECK DRAINS, SEE -W530x138 INTERMEDIATE FLOOR BEAM 1000 (TYP.) 2025 2025