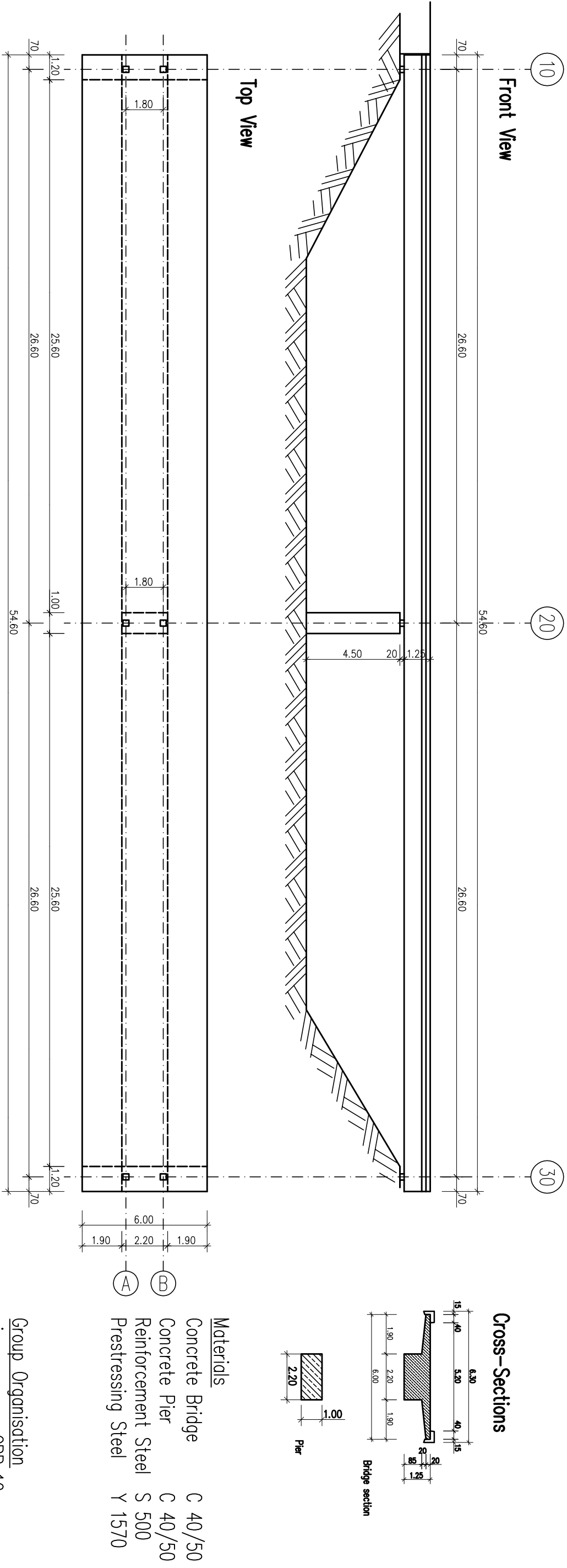


# Training Example PRC–Bridge



Cantilever/Spans [m]: 0.70 – 26.60 – 26.60 – 0.70  
Stations [m]: 10.00 – 10.70 – 37.30 – 63.90 – 64.60

Actions		Load Cases		Construction Stages	
G_1	self weight	LC 1	self weight (automatic)	CS 10	self weight pier (automatic GRP 10)
G_2	additional dead load (adl)	LC 2	adl (2,50 kN/m²)	CS 15	c+s pier only (T 28 RH 70 TEMP 20 NCRE 1)
T	temperature	LC 51–53	settlement support 10 to 30	CS 20	slef weight bridge deck (automatic GRP 20)
F	settlement	LC 91–98	temperature	CS 21	prestressing bridge deck
P	prestressing			CS 25	c+s (T 28 RH 70 TEMP 20 NCRE 1)
C	creep + shrinkage	LC 1201	load train load model LM1	CS 30	adl (LC 2)
L_T	traffic load – tandem axis	LC 2xx	envelope “Traffic Loader”, GR 1	CS 35	c+s traffic opening (T 120 RH 70 TEMP 20 NCRE 1)
L_U	traffic load – udl			CS 45	c+s infinite (T 30000 RH 70 TEMP 20 NCRE 3)
GR_1	load group 1 vertical loads				
GR_2	load group 2 horizontal loads				

Group Organisation	
pier	GRP 10
bridge deck	GRP 20