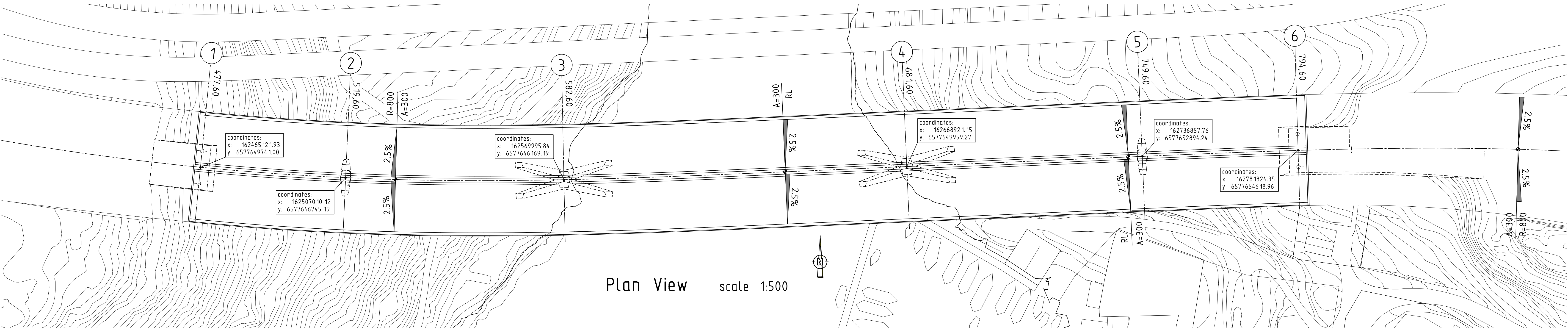


Articulation						
axes	1	2	3	4	5	6
row 1						
row 2						

Legend:

- ... guided bearing
- ... free sliding bearing
- ... hinge at the pier



heigh system: meter över havet (m ö.h.)

Final dimensions according static, constructive and economic requirements.

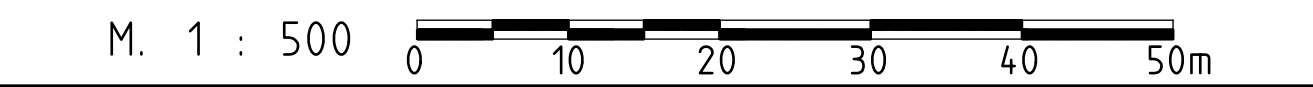
soil conditions		soil	γ	φ	γ	E_a, E_o	f_{g, σ_s}	$z_{ul} \sigma_s$	c'
			kN/m ³	°	kN/m ³	---	---	kN/m ²	kN/m ²
shallow foundation		see soil surveys							

material properties - structural concrete				
component	strength class	concrete exposure class	service life class	reinforcement steel
parapet/kantbalk	C25/30	XB3, XF4	L 100	B 500 B or C
concrete deck slab	C35/45	XD1, XF2	L 100	B 500 B or C
concrete within the superstructure	C45/55	XC1, XF1	L 100	B 500 B or C
concrete within the steel shell ...	C40/50	XC1, XF1	L 100	B 500 B or C
... duo pod branches	C45/55	XC1, XF1	L 100	B 500 B or C
... tetra pod branches	C35/45	XS1, XF1	L 100	B 500 B or C
bearing block	C35/45	XS1, XF2	L 100	B 500 B or C
piers - axes 2+5	C35/45	XS1, XF2	L 100	B 500 B or C
piers - axes 3+4	C35/45	XS1, XF4	L 100	B 500 B or C
abutment	C30/37	XS1, XF2	L 100	B 500 B or C
foundations slabs - axes 2+5	C30/37	XC2, XF3	L 100	B 500 B or C
foundations slabs - axes 3+4	C30/37	XC2, XF4	L 100	B 500 B or C
granular subbase	C12/15	X0	L 100	

material properties - structural steel	
For $T_{Ed} = -40^\circ\text{C}$ applies:	
S 355 J2+N	$t \leq 35$
S 355 K2+N or S 355 M / N	$35 < t \leq 40$
S 355 ML / NL	$40 < t \leq 60$
S 460 M / N	$t \leq 30$
S 460 QL	$30 < t \leq 40$
S 460 ML / NL	$40 < t \leq 50$
S 460 Q1	$50 < t \leq 60$

design data	
type:	reinforced concrete / steel composite
traffic load model	EN 1991-2 / NA TRVS 2011:12
number of truck lanes per deck	3
ship impact	
individual spans (^) (m)	41,32-63,46-98,96-68,47-45,11 in gradient line
total length between end supports (^) (m)	317,32 in gradient line
width between railings (m)	13,80
bridge area (m ²)	8758

reference drawings	
drawing number	description
343K0901	SEKTIONER OCH DETALJER
343K2201	TETRA POD, DETALJSEKTION
343K2202	DUOPOD, DETALJSEKTION
343K0301	AFVANDNING DETALJER / ELEVATION



VÄGPLAN	FASTSTÄLLELSEHANDLING
	VÄG 222 SKURUBRON
	Nya Skurubron
Office Dresden Am Schießhaus 1-3 D-01067 Dresden Germany Tel.: +49 351/49485-0 Fax: +49 351/49485-11	PLAN OCH ELEVATION
UPPDRAGSANSVARIG SÄGNER	PLAN, ELEVATION AV BRON
KONSTR REINHARDT	KONSTRUKTIONSNR 2015.10.21
DRESDEN	FORMAT 84 tx1189mm
	SKALA 1:500
	OBJEKT NR 343K0901
	RITINGSNR 343K0901
	REV
	YST46031AP (111) 2015-11-19:492