

TR Řípov - rek.R110kV, sek.tech., VS, PZTS
Montážní tabulky pro FV
Paralelní propoj V5523 – V5580

Stringing Chart Report

Section #42 from structure #81 to structure #2, start set #12 'P', end set #1 ''

Cable 'O:\PROLinCZPHA\22129_TR Řípov-rek_R110KV\PLS\lana\243_all_39_stla-30°C', Ruling span (m) 51.4223

Sagging data: Catenary (m) 150, Horiz. Tension (N) 1453.8 Condition I Temperature (deg C) -5

Weather case for final after creep 80°C, Equivalent to 29.6 (deg C) temperature increase

Weather case for final after load 40°C, Equivalent to 0.1 (deg C) temperature increase

Results below for condition 'Initial FE'

Calculations done using actual span lengths and vertical projections

+ Span From + + Span To +			Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span		
Str.	Set	Ph.	Str.	Set	Ph.	Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical		
							Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection		
						-20 C	-15 C	-10 C	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	45 C	50 C			
						(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)		
81	12	1	2	1	1	51.4	2.34	2.35	2.37	2.39	2.40	2.42	2.43	2.45	2.47	2.48	2.50	2.51	2.53	2.54	2.56	81	1.31

+ Span From	+ + Span To	+ +	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Str. Set Ph.	Str. Set Ph.	Str. Set Ph.	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
			-20 C	-15 C	-10 C	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	45 C	50 C			
			(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
81	12	1	2	1	1	1486	1475	1464	1454	1445	1435	1425	1416	1406	1397	1388	1379	1371	1362	1354