

斜材ロッド張力履歴（入江側R21定着部先行破断）

		架設計算	入江側	信濃川	入江側	信濃川	入江側	
		完成時	R21ロッド	R21ロッド	R20ロッド	R20ロッド	R26ロッド	
		ステップ1	ステップ2	ステップ3	ステップ4	ステップ5	ステップ6	
		tf	tf	tf	tf	tf	tf	
入江側	R 1 - R 2	3.998	4.000	4.005	4.014	3.999	4.000	
	R 2 - R 3	21.981	21.992	22.005	22.069	22.043	22.069	
	R 3 - R 4	5.988	5.997	6.031	6.063	6.072	6.076	
	R 5 - R 6	25.721	25.711	25.671	25.621	25.629	25.611	
	R 6 - R 7	33.878	33.870	33.841	33.800	33.776	33.762	
	R 7 - R 8	37.929	37.989	38.193	38.336	38.797	38.771	
	R 8 - R 9	25.863	25.929	26.129	26.260	26.712	26.661	
	R 9 - R 10	8.339	8.433	8.676	8.861	9.429	9.350	
	R 11 - R 12	22.211	22.082	21.875	21.675	21.121	21.222	
	R 12 - R 13	32.130	31.837	31.535	31.144	30.457	30.676	
	R 13 - R 14	30.153	31.837	33.386	36.513	38.563	37.777	
	R 14 - R 15	19.330	21.609	25.219	29.157	34.340	33.017	
	R 16 - R 17	11.252	8.283	5.771	0.325	-3.358	-2.115	
	R 17 - R 18	27.058	21.671	22.788	14.728	21.427	22.493	
	R 18 - R 19	36.173	30.025	36.077	20.776	12.103	13.439	
	<b>R 19 - R 20</b>	<b>44.645</b>	<b>45.350</b>	<b>54.805</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	
	<b>R 20 - R 21</b>	<b>37.771</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	
	<b>R 22 - R 23</b>	<b>17.045</b>	<b>19.337</b>	<b>29.692</b>	<b>33.447</b>	<b>48.877</b>	<b>46.757</b>	
	<b>R 23 - R 24</b>	<b>14.436</b>	<b>15.485</b>	<b>21.118</b>	<b>24.259</b>	<b>32.862</b>	<b>31.505</b>	
	<b>R 24 - R 25</b>	<b>41.291</b>	<b>43.411</b>	<b>49.033</b>	<b>53.244</b>	<b>62.540</b>	<b>61.310</b>	
	<b>R 25 - R 26</b>	<b>40.882</b>	<b>43.702</b>	<b>47.637</b>	<b>52.701</b>	<b>58.804</b>	<b>58.581</b>	
	<b>R 26 - R 27</b>	<b>54.004</b>	<b>57.565</b>	<b>60.537</b>	<b>66.292</b>	<b>71.135</b>	<b>0.000</b>	
	R 27 - R 28	56.365	59.121	61.525	65.571	69.795	48.993	
	R 28 - R 29	34.532	36.842	40.120	43.586	49.228	39.209	
	R 29 - R 30	21.630	23.777	29.991	33.396	44.701	36.245	
	R 31 - R 32	10.472	8.853	3.109	0.509	-10.092	-7.738	
	R 32 - R 33	24.671	23.519	19.764	17.910	11.086	13.953	
	R 33 - R 34	5.421	5.627	5.897	6.235	6.622	5.989	
	信濃川	R 1 - R 2	3.970	3.967	3.975	3.966	3.964	3.963
		R 2 - R 3	21.745	21.739	21.743	21.682	21.763	21.725
		R 3 - R 4	5.972	5.973	6.002	5.973	6.033	6.006
		R 5 - R 6	25.542	25.542	25.515	25.563	25.485	25.527
		R 6 - R 7	33.717	33.713	33.698	33.720	33.637	33.672
		R 7 - R 8	37.568	37.639	37.802	37.917	38.381	38.276
R 8 - R 9		25.575	25.640	25.831	25.956	26.411	26.330	
R 9 - R 10		8.281	8.356	8.613	8.760	9.370	9.279	
R 11 - R 12		22.060	22.023	21.738	21.602	20.966	21.033	
R 12 - R 13		31.941	31.949	31.377	31.301	30.277	30.337	
R 13 - R 14		29.733	29.559	32.824	31.792	37.692	37.015	
R 14 - R 15		18.976	19.454	24.675	24.532	33.668	32.317	
R 16 - R 17		11.890	12.288	6.658	8.308	-2.724	-1.532	
R 17 - R 18		28.810	32.392	25.098	31.861	22.153	23.084	
R 18 - R 19		40.406	46.056	41.035	43.773	13.243	11.901	
<b>R 19 - R 20</b>		<b>42.513</b>	<b>45.677</b>	<b>52.360</b>	<b>83.273</b>	<b>0.000</b>	<b>0.000</b>	
<b>R 20 - R 21</b>		<b>36.383</b>	<b>56.597</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	
<b>R 21 - R 22</b>		<b>37.380</b>	<b>39.040</b>	<b>39.582</b>	<b>33.989</b>	<b>12.472</b>	<b>14.375</b>	
<b>R 23 - R 24</b>		<b>2.264</b>	<b>4.218</b>	<b>9.101</b>	<b>10.514</b>	<b>20.689</b>	<b>20.478</b>	
<b>R 24 - R 25</b>		<b>23.212</b>	<b>24.583</b>	<b>31.290</b>	<b>32.351</b>	<b>45.082</b>	<b>41.982</b>	
<b>R 25 - R 26</b>		<b>37.850</b>	<b>38.086</b>	<b>44.945</b>	<b>44.507</b>	<b>57.375</b>	<b>65.914</b>	
<b>R 26 - R 27</b>		<b>50.222</b>	<b>49.522</b>	<b>56.616</b>	<b>55.255</b>	<b>69.077</b>	<b>112.896</b>	
R 27 - R 28		44.999	44.241	49.482	48.705	58.941	63.868	
R 28 - R 29		37.533	37.271	41.748	41.574	50.370	62.998	
R 29 - R 30		22.823	24.039	30.619	32.639	45.105	51.833	
R 31 - R 32		10.134	8.734	2.989	0.723	-10.004	-11.604	
R 32 - R 33		23.570	22.760	19.007	17.693	10.652	8.321	
R 33 - R 34		4.567	4.520	4.884	4.808	5.555	6.134	

注: ファイバーモデル解析による



