

最初のジャッキダウン時の作用力

				支保工無し			支保工有り		
				N	Mv-I	Mv-J	N	Mv-I	Mv-J
				tf	tfm	tfm	tf	tfm	tfm
斜材ロッド張力	入江側	R 19 - R 20	50.228			42.699			
		R 20 - R 21	48.876			42.318			
		R 22 - R 23	0.000			0.000			
		R 23 - R 24	0.000			0.000			
		R 24 - R 25	16.682			7.515			
		R 25 - R 26	36.141			26.279			
	R 26 - R 27	45.531			35.654				
	信濃川側	R 19 - R 20	50.434			44.752			
		R 20 - R 21	45.360			39.393			
		R 21 - R 22	48.775			33.329			
		R 23 - R 24	0.000			0.000			
		R 24 - R 25	13.062			6.459			
		R 25 - R 26	30.276			25.400			
	R 26 - R 27	38.043			33.516				
床版 断面力	入江側	R 19	-22.055	-16.497	-1.787	-22.867	-15.546	-1.434	
		- R 20	-22.053	-1.790	3.569	-22.865	-1.436	3.326	
		R 20	8.508	5.272	1.576	2.875	4.722	-1.413	
		- R 21	8.511	1.574	-11.471	2.878	-1.415	-16.900	
		R 21	38.863	-16.380	-1.966	28.318	-20.131	-2.766	
		- R 22	38.865	-1.941	1.281	28.319	-2.753	2.831	
		R 22	32.661	-3.437	7.338	24.199	-1.306	3.451	
		- R 23	32.661	7.336	8.761	24.199	3.449	-1.145	
		R 23	37.844	10.641	10.541	27.781	0.109	7.436	
		- R 24	37.844	10.536	1.086	27.781	7.434	5.412	
		R 24	32.256	2.383	4.609	26.009	5.723	5.797	
		- R 25	32.255	4.604	-2.519	26.008	5.795	-3.480	
		R 25	12.566	-1.267	4.712	11.407	-2.960	3.960	
		- R 26	12.564	4.708	1.337	11.405	3.959	1.529	
	R 26	-7.804	2.875	-0.159	-4.797	2.070	0.500		
	- R 27	-7.806	-0.162	-12.546	-4.798	0.499	-10.422		
	信濃川側	R 19	-30.226	-17.371	-3.244	-28.960	-16.332	-2.724	
		- R 20	-30.228	-3.246	1.582	-28.962	-2.726	1.585	
		R 20	-3.893	-0.286	2.446	-4.312	0.039	2.087	
		- R 21	-3.896	2.444	-4.123	-4.315	2.086	-5.165	
		R 21	20.372	0.409	-3.124	16.121	-2.195	-3.082	
		- R 22	20.370	-3.101	-15.932	16.119	-3.071	-13.257	
		R 22	58.731	-12.060	4.696	42.252	-9.628	1.235	
		- R 23	58.730	4.693	12.150	42.252	1.232	2.797	
		R 23	57.960	9.622	10.909	42.292	1.023	7.897	
		- R 24	57.960	10.904	2.893	42.292	7.895	5.472	
		R 24	47.488	1.542	4.654	36.933	5.004	5.759	
		- R 25	47.490	4.651	-1.535	36.934	5.758	-2.785	
		R 25	24.672	-2.658	4.485	18.494	-3.202	3.938	
		- R 26	24.674	4.482	2.327	18.496	3.937	1.778	
R 26		3.319	0.945	0.378	0.042	1.366	0.642		
- R 27		3.320	0.374	-9.492	0.043	0.641	-9.382		
上弦材断面力	入江側	R 19	-17.548	-2.229	0.097	-6.530	-1.893	0.050	
		- R 20	-17.550	0.097	1.519	-6.532	0.050	1.090	
		R 20	-62.727	-0.714	-0.251	-45.712	-0.972	0.002	
		- R 21	-62.728	-0.251	-0.690	-45.713	0.002	0.074	
		R 21	-62.238	-8.693	0.563	-45.514	-5.071	0.491	
		- R 22	-62.238	0.563	7.168	-45.514	0.491	4.140	
		R 22	-66.667	-7.580	1.011	-48.337	-4.449	0.485	
		- R 23	-66.667	1.011	8.700	-48.337	0.485	4.516	
		R 23	-71.761	-0.341	1.320	-52.001	-2.848	0.908	
		- R 24	-71.761	1.320	2.079	-52.001	0.908	3.761	
		R 24	-75.091	1.540	0.710	-54.327	1.500	0.782	
		- R 25	-75.090	0.710	-1.023	-54.327	0.782	-0.839	
		R 25	-62.821	1.028	0.433	-48.825	0.707	0.394	
		- R 26	-62.820	0.433	-1.065	-48.824	0.394	-0.821	
	R 26	-32.849	1.393	0.183	-26.367	1.071	0.199		
	- R 27	-32.847	0.183	-1.930	-26.365	0.199	-1.576		
	信濃川側	R 19	8.689	-2.080	-0.017	9.089	-1.865	-0.009	
		- R 20	8.691	-0.017	1.148	9.090	-0.009	0.949	
		R 20	-31.551	-1.280	0.165	-26.026	-1.213	0.220	
		- R 21	-31.549	0.165	0.712	-26.024	0.220	0.756	
		R 21	-78.960	-2.928	-0.274	-58.099	-2.008	-0.013	
		- R 22	-78.960	-0.274	1.482	-58.099	-0.013	1.085	
		R 22	-82.739	-8.925	0.532	-60.166	-5.334	0.264	
		- R 23	-82.739	0.532	9.092	-60.166	0.264	4.965	
		R 23	-83.979	-0.454	1.388	-61.610	-2.644	0.969	
		- R 24	-83.979	1.388	2.332	-61.609	0.969	3.684	
		R 24	-81.293	1.552	0.739	-60.866	1.485	0.793	
		- R 25	-81.293	0.739	-0.972	-60.866	0.793	-0.796	
		R 25	-66.004	0.961	0.433	-53.169	0.751	0.403	
		- R 26	-66.005	0.433	-0.994	-53.169	0.403	-0.844	
R 26		-35.701	1.289	0.216	-28.616	1.077	0.208		
- R 27		-35.702	0.216	-1.754	-28.618	0.208	-1.558		

註：床版の剛性低下の影響を考慮した。