

### 3. 現況流下能力の算定

#### 3.1 計算条件

平成 20 年度測量断面を設定し、不等流計算による現況流下能力を算出した。  
計算条件は以下の通りである。

- ・ 粗度係数： $n=0.03$
- ・ 出発水位：上高倉堰限界水深

##### (1) 計算流量

計算流量は 30mm/hr 流量を基に 60%,70%,80%,90%,100%,110%,120%,130%の 8 ケースを設定した。以下に設定流量を示す。

表 3-1 計算流量

区間	距離標 (km)	測点	流量							
			60%	70%	80%	90%	30mm/hr	110%	120%	130%
			ケース1	ケース2	ケース3	ケース4	ケース5	ケース6	ケース7	ケース8
上高倉堰 ~ 相沢川合流点	0 ~ 2.26	NO.160+40 ~ NO.183+0	138	161	184	207	230	253	276	299
相沢川合流点 ~ 境橋下流	2.273 ~ 4.44	BC.17 ~ NO.204+80	132	154	176	198	220	242	264	286
境橋下流 ~ 都県界	4.46 ~ 9.57	NO.205+0 ~ NO.256+10	120	140	160	180	200	220	240	260

##### (2) 断面設定

測量図面の一部において、工事中の断面等があり横断図面が不十分なため不等流計算から除外した。

改修区間では、埋め戻しはしない断面を設定した。

#### 3.2 不等流計算の実施

次項に各ケースの流量を設定した場合の計算水位を示す。

30mm/hr 流量に相当する計算水位は、ほとんどの区間において HWL より低くなっている。

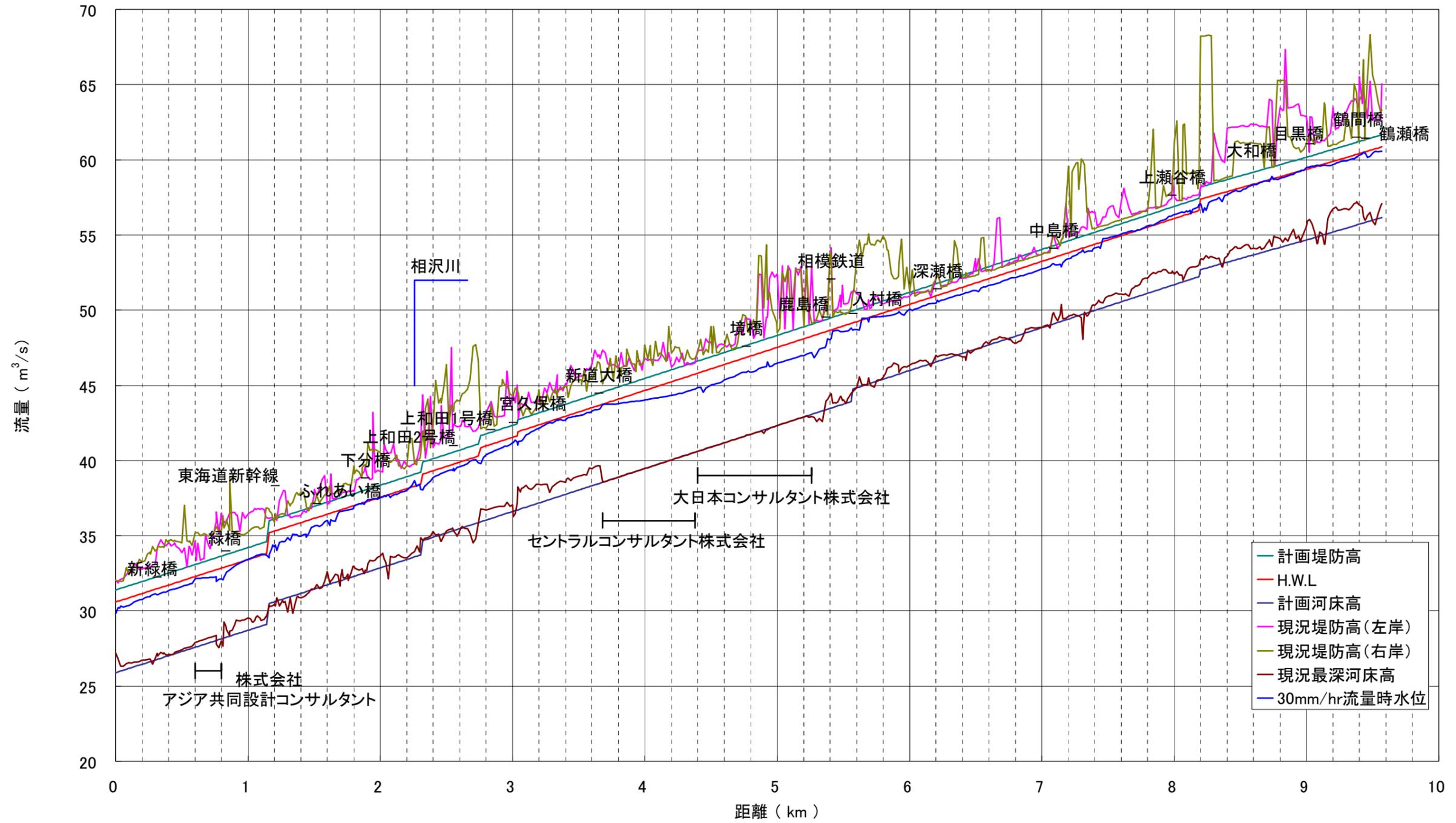


図 3-1 下流区間計算水位

### 3.3 検討区間の現況流下能力の把握

#### 3.3.1 流下能力の算出

8 ケースの不等流の水位計算より、各断面にて H-Q 関係式を求め、以下の評価高の流下能力を算出した。

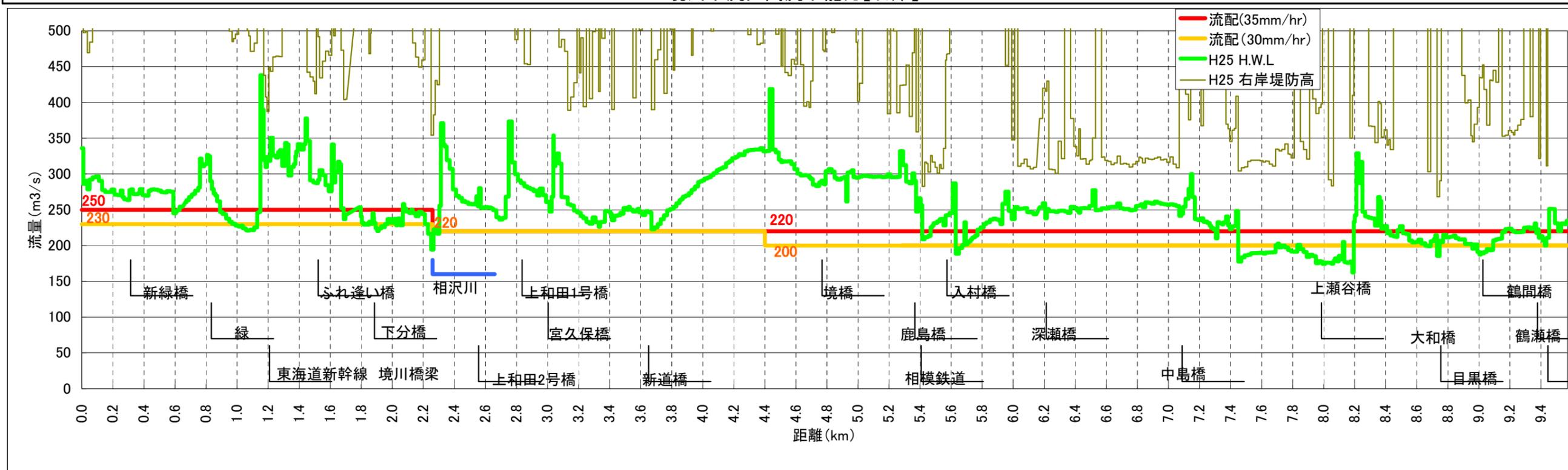
[評価高]

- ・ 現況堤防高 左岸・右岸
- ・ 計画 H.W.L

図 3-2 に流下能力図を示す。

改修区間では、流下能力が大きく向上しているものの、その範囲は限定的である。

境川下流区間流下能力【右岸】



境川下流区間流下能力【左岸】

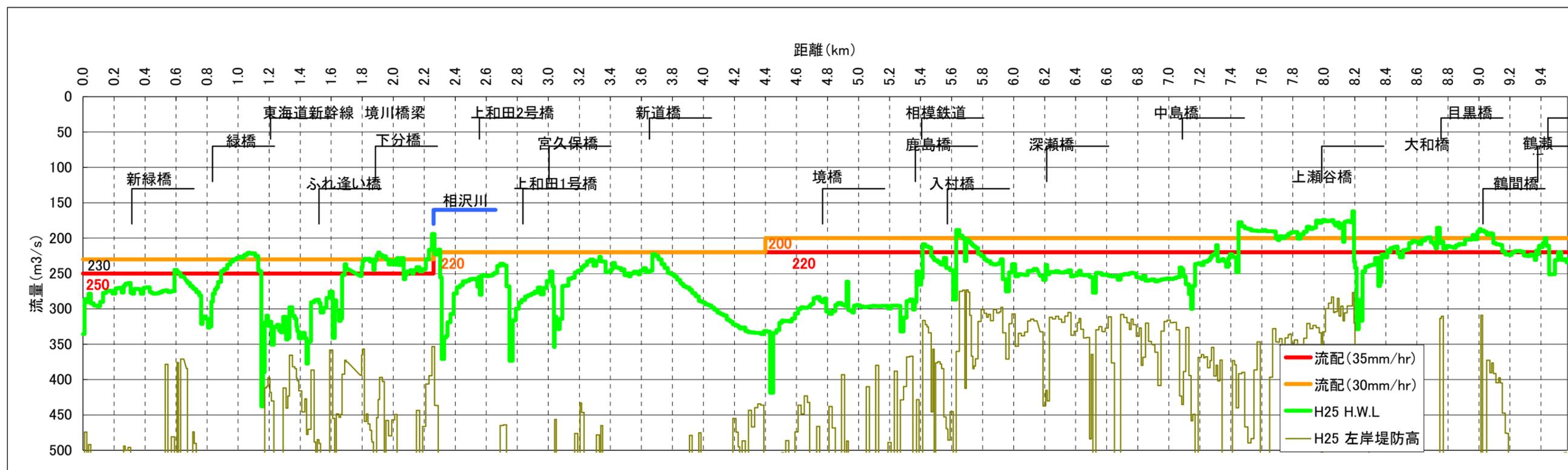


図 3-2 改修断面による流下能力

表 3-2 流下能力評価表

No.	上高倉堰からの追加距離 (km)	河口からの追加距離 (km)	単距離 (m)	測点	現況河道諸元				計画河道諸元				H-0式		流下能力			構造物
					最深河床高 (T.P.+m)	堤防高		計画河床高 (T.P.+m)	H.W.L (T.P.+m)	計画堤防高 (T.P.+m)	水深 (m)	余裕高 (m)	Q=A(H+B) <sup>2</sup>		H.W.L (m <sup>3</sup> /s)	堤防高		
						左岸 (T.P.+m)	右岸 (T.P.+m)						A	B		左岸 (m <sup>3</sup> /s)	右岸 (m <sup>3</sup> /s)	
1	0.000	15.987	0.000	NO.160+40	27.220	32.064	32.031	25.890	30.590	31.390	4.700	0.800	16.846	-26.125	336	594	588	上高倉堰落差工
2	0.020	16.007	20.000	NO.160+60	26.810	31.850	31.980	25.946	30.646	31.446	4.700	0.800	16.312	-26.457	286	474	498	
3	0.030	16.017	10.000	SP.1	26.500	32.050	31.980	25.975	30.675	31.475	4.700	0.800	16.461	-26.473	291	512	499	
4	0.040	16.027	10.000	NO.160+80	26.330	32.090	31.960	26.003	30.703	31.503	4.700	0.800	15.674	-26.487	279	492	469	管内堤
5	0.060	16.047	20.000	NO.161+0	26.330	32.160	31.990	26.059	30.759	31.559	4.700	0.800	15.915	-26.474	292	515	484	
6	0.080	16.067	20.000	NO.161+20	26.480	32.420	32.890	26.115	30.815	31.615	4.700	0.800	16.394	-26.572	295	561	654	
7	0.100	16.087	20.000	NO.161+40	26.570	32.600	32.422	26.172	30.872	31.672	4.700	0.800	16.126	-26.583	297	584	550	
8	0.120	16.107	20.000	NO.161+60	26.540	32.621	32.880	26.228	30.928	31.728	4.700	0.800	15.635	-26.618	290	563	613	
9	0.140	16.127	20.000	NO.161+80	26.600	33.050	32.870	26.284	30.984	31.784	4.700	0.800	14.934	-26.673	278	607	574	
10	0.160	16.147	20.000	NO.162+0	26.610	33.050	32.900	26.341	31.041	31.841	4.700	0.800	14.540	-26.693	275	588	560	
11	0.180	16.167	20.000	NO.162+20	26.620	32.750	33.420	26.397	31.097	31.897	4.700	0.800	14.674	-26.770	275	525	649	
12	0.200	16.187	20.000	NO.162+40	26.740	32.832	33.270	26.453	31.153	31.953	4.700	0.800	14.509	-26.774	278	533	612	
13	0.220	16.207	20.000	NO.162+60	26.720	32.840	33.340	26.510	31.210	32.010	4.700	0.800	14.146	-26.833	271	510	599	
14	0.240	16.227	20.000	NO.162+80	26.780	32.920	33.770	26.566	31.266	32.066	4.700	0.800	13.934	-26.861	270	511	665	
15	0.260	16.247	20.000	NO.163+0	26.790	32.888	33.900	26.622	31.322	32.122	4.700	0.800	13.811	-26.844	277	504	688	
16	0.264	16.251	4.000	IP.2	26.760	32.920	33.790	26.634	31.334	32.134	4.700	0.800	13.709	-26.916	268	494	648	
17	0.280	16.267	16.000	NO.163+20	26.460	33.040	34.270	26.679	31.379	32.179	4.700	0.800	13.439	-26.940	265	500	722	
18	0.300	16.287	20.000	NO.163+40	26.830	33.090	33.990	26.735	31.435	32.235	4.700	0.800	13.321	-26.987	264	496	653	
19	0.315	16.302	15.000	NO.163+55	27.160	34.100	34.100	26.777	31.477	32.277	4.700	0.800	13.161	-26.886	277	685	685	新緑橋
20	0.320	16.307	5.000	NO.163+60	27.020	34.280	34.270	26.791	31.491	32.291	4.700	0.800	13.160	-26.891	279	719	717	
21	0.340	16.327	20.000	NO.163+80	27.230	34.730	34.250	26.848	31.548	32.348	4.700	0.800	12.297	-26.846	272	764	674	
22	0.360	16.347	20.000	NO.164+0	27.130	34.440	34.280	26.904	31.604	32.404	4.700	0.800	12.510	-26.943	272	703	673	
23	0.366	16.353	6.000	BC.3	27.200	34.450	34.220	26.921	31.621	32.421	4.700	0.800	12.555	-26.957	273	705	662	
24	0.380	16.367	14.000	NO.164+20	27.090	34.334	34.720	26.960	31.660	32.460	4.700	0.800	12.910	-27.015	279	692	766	
25	0.400	16.387	20.000	NO.164+40	27.080	34.520	34.570	27.017	31.717	32.517	4.700	0.800	12.764	-27.113	270	700	710	
26	0.406	16.393	6.000	SP.3	27.120	34.490	34.680	27.034	31.734	32.534	4.700	0.800	12.809	-27.144	270	691	727	
27	0.420	16.407	14.000	NO.164+60	27.090	34.334	34.720	27.073	31.773	32.573	4.700	0.800	12.750	-27.175	270	653	726	
28	0.440	16.427	20.000	NO.164+80	27.120	34.420	34.620	27.129	31.829	32.629	4.700	0.800	13.909	-27.373	276	691	731	
29	0.447	16.434	7.000	EC.3	27.230	34.520	34.700	27.149	31.849	32.649	4.700	0.800	13.780	-27.358	278	707	743	
30	0.460	16.447	13.000	NO.165+0	27.280	34.280	34.640	27.186	31.886	32.686	4.700	0.800	13.577	-27.356	279	651	720	
31	0.480	16.467	20.000	NO.165+20	27.360	34.150	34.600	27.242	31.942	32.742	4.700	0.800	13.675	-27.433	278	617	702	
32	0.500	16.487	20.000	NO.165+40	27.400	33.870	34.530	27.298	31.998	32.798	4.700	0.800	13.531	-27.476	277	553	673	
33	0.520	16.507	20.000	NO.165+60	27.510	34.200	37.010	27.355	32.055	32.855	4.700	0.800	13.503	-27.546	275	598	1,209	
34	0.540	16.527	20.000	NO.165+80	27.540	32.910	34.670	27.411	32.111	32.911	4.700	0.800	13.243	-27.563	274	379	669	
35	0.555	16.542	15.000	BC.4	27.580	34.290	34.580	27.453	32.153	32.953	4.700	0.800	13.416	-27.617	276	597	651	
36	0.560	16.547	5.000	NO.166+0	27.600	34.290	34.660	27.467	32.167	32.967	4.700	0.800	13.338	-27.619	276	594	661	
37	0.580	16.567	20.000	NO.166+20	27.660	33.700	34.370	27.524	32.224	33.024	4.700	0.800	13.102	-27.641	275	481	593	
38	0.600	16.587	20.000	NO.166+40	27.904	34.650	35.220	27.580	32.280	33.080	4.700	0.800	11.949	-27.751	245	569	666	
39	0.611	16.598	11.000	SP.4	27.936	33.370	35.220	27.611	32.311	33.111	4.700	0.800	11.920	-27.754	248	376	664	
40	0.620	16.607	9.000	NO.166+60	27.961	34.490	35.220	27.636	32.336	33.136	4.700	0.800	11.898	-27.756	250	540	663	
41	0.640	16.627	20.000	NO.166+80	28.019	33.357	34.990	27.693	32.393	33.193	4.700	0.800	11.851	-27.761	254	371	619	
42	0.660	16.647	20.000	NO.167+0	28.076	33.473	35.070	27.749	32.449	33.249	4.700	0.800	11.806	-27.767	259	384	630	
43	0.667	16.654	7.000	EC.4	28.097	33.480	35.140	27.769	32.469	33.269	4.700	0.800	11.789	-27.770	260	384	640	
44	0.668	16.655	1.000	BC.5	28.097	33.480	35.140	27.772	32.472	33.272	4.700	0.800	11.789	-27.769	261	384	640	
45	0.680	16.667	12.000	NO.167+20	28.133	35.063	35.122	27.805	32.505	33.305	4.700	0.800	11.763	-27.774	263	625	635	
46	0.700	16.687	20.000	NO.167+40	28.190	34.442	34.967	27.862	32.562	33.362	4.700	0.800	11.724	-27.783	268	520	605	
47	0.715	16.702	15.000	SP.5	28.233	34.157	35.026	27.904	32.604	33.404	4.700	0.800	11.697	-27.790	271	474	612	
48	0.720	16.707	5.000	NO.167+60	28.247	34.270	35.055	27.918	32.618	33.418	4.700	0.800	11.688	-27.792	272	490	616	
49	0.740	16.727	20.000	NO.167+80	28.304	35.149	35.140	27.975	32.675	33.475	4.700	0.800	11.654	-27.803	277	629	627	
50	0.760	16.747	20.000	NO.168+0	28.361	35.957	35.620	28.031	32.731	33.531	4.700	0.800	11.624	-27.816	281	770	708	
51	0.762	16.749	2.000	EC.5	27.780	36.560	35.620	28.036	32.736	33.536	4.700	0.800	12.938	-27.752	321	1,004	801	
52	0.780	16.767	18.000	NO.168+20	27.540	35.147	35.300	28.087	32.787	33.587	4.700	0.800	12.700	-27.840	311	678	707	
53	0.800	16.787	20.000	NO.168+40	28.010	36.510	35.380	28.144	32.844	33.644	4.700	0.800	12.167	-27.764	314	931	706	
54	0.811	16.798	11.000	BC.6	27.650	35.680	36.350	28.175	32.875	33.675	4.700	0.800	12.701	-27.803	327	788	928	
55	0.820	16.807	9.000	NO.168+60	29.260	35.970	35.520	28.200	32.900	33.700	4.700	0.800	18.771	-28.740	325	981	863	
56	0.835	16.822	15.000	NO.168+74.52	28.950	35.810	35.830	28.242	32.942	33.742	4.700	0.800	18.133	-28.944	290	855	860	緑橋
57	0.840	16.827	5.000	NO.168+80	28.760	35.980	36.070	28.256	32.956	33.756	4.700	0.800	17.912	-29.012	279	870	892	
58	0.860	16.847	20.000	NO.169+0	28.360	36.479	35.360	28.313	33.013	33.813	4.700	0.800	19.254	-29.251	272	1,006	719	
59	0.862	16.849	2.000	SP.6	28.630	36.500	38.930	28.318	33.018	33.818	4.700	0.800	18.593	-29.210	270	988	1,756	
60	0.880	16.867	18.000	NO.169+20	28.730	36.550	35.320	28.369	33.069	33.869	4.700	0.800	18.507	-29.308	262	971	669	
61	0.900	16.887	20.000	NO.169+40	29.090	36.540	35.250	28.425	33.125	33.925	4.700	0.800	17.075	-29.323	247	889	600	
62	0.913	16.900	13.000	EC.6	29.410	36.380	35.210	28.462	33.162	33.962	4.700	0.800	16.960	-29.368	244	834		

表 3-3 流下能力評価表

No.	上高倉堰からの追加距離 (km)	河口からの追加距離 (km)	単距離 (m)	測点	現況河道諸元				計画河道諸元				H-0式		流下能力			構造物
					最深河床高 (T.P.+m)	堤防高		計画河床高 (T.P.+m)	H.W.L (T.P.+m)	計画堤防高 (T.P.+m)	水深 (m)	余裕高 (m)	Q=A(H+B) <sup>2</sup>		H.W.L (m <sup>3</sup> /s)	堤防高		
						左岸 (T.P.+m)	右岸 (T.P.+m)						A	B		左岸 (m <sup>3</sup> /s)	右岸 (m <sup>3</sup> /s)	
113	1.580	17.567	20.000	NO.176+20	31.947	38.993	37.689	31.675	36.375	37.175	4.700	0.800	13.614	-31.804	284	704	471	
114	1.600	17.587	20.000	NO.176+40	32.609	37.084	37.830	31.731	36.431	37.231	4.700	0.800	12.664	-31.765	276	358	466	
115	1.620	17.607	20.000	NO.176+60	31.859	37.186	38.308	31.787	36.487	37.287	4.700	0.800	16.772	-31.977	341	455	672	
116	1.626	17.613	6.000	BC.12	31.995	39.103	37.806	31.804	36.504	37.304	4.700	0.800	16.190	-32.287	288	752	493	
117	1.640	17.627	14.000	NO.176+80	32.101	37.474	37.809	31.844	36.544	37.344	4.700	0.800	16.491	-32.257	303	449	508	
118	1.660	17.647	20.000	NO.177+0	32.449	37.453	37.811	31.900	36.600	37.400	4.700	0.800	16.707	-32.243	317	453	518	
119	1.661	17.648	1.000	SP.12	32.449	37.453	37.811	31.903	36.603	37.403	4.700	0.800	16.796	-32.281	314	449	514	
120	1.680	17.667	19.000	NO.177+20	32.360	37.650	38.140	31.956	36.656	37.456	4.700	0.800	15.611	-32.636	252	392	473	
121	1.695	17.682	15.000	EC.12	31.641	37.712	37.916	31.999	36.699	37.499	4.700	0.800	14.891	-32.710	237	373	404	
122	1.700	17.687	5.000	NO.177+40	32.178	37.696	37.888	32.013	36.713	37.513	4.700	0.800	14.750	-32.651	243	375	404	
129	1.794	17.781	14.000	EC.13	32.962	38.016	39.135	32.277	36.977	37.777	4.700	0.800	14.249	-32.758	254	394	579	
130	1.800	17.787	6.000	NO.178+40	32.989	37.958	39.668	32.294	36.994	37.794	4.700	0.800	13.921	-32.837	241	365	650	
131	1.807	17.794	7.000	BC.14	32.869	38.005	39.143	32.314	37.014	37.814	4.700	0.800	13.679	-32.896	232	357	534	
132	1.820	17.807	13.000	NO.178+60	32.777	38.743	39.381	32.351	37.051	37.851	4.700	0.800	13.821	-32.978	229	459	567	
133	1.834	17.821	14.000	SP.14	32.748	38.712	39.276	32.390	37.090	37.890	4.700	0.800	13.729	-32.995	230	449	542	
134	1.840	17.827	6.000	NO.178+80	32.721	38.833	39.244	32.407	37.107	37.907	4.700	0.800	13.637	-33.008	229	463	530	
135	1.860	17.847	20.000	NO.179+0	32.782	38.924	38.900	32.463	37.163	37.963	4.700	0.800	13.432	-32.997	233	472	468	
136	1.862	17.849	2.000	EC.14	32.832	39.021	39.094	32.469	37.169	37.969	4.700	0.800	13.330	-32.990	233	485	497	
137	1.865	17.852	3.000	BC.15	32.825	39.087	39.520	32.477	37.177	37.977	4.700	0.800	13.155	-32.994	230	488	560	
138	1.880	17.867	15.000	NO.179+20	32.464	39.263	39.711	32.520	37.220	38.020	4.700	0.800	14.058	-33.043	245	544	625	
139	1.885	17.872	5.000	NO.179+25.206	32.702	39.574	39.652	32.534	37.234	38.034	4.700	0.800	12.117	-32.863	231	546	558	下分橋
140	1.900	17.887	15.000	NO.179+40	32.685	39.041	39.850	32.576	37.276	38.076	4.700	0.800	12.850	-33.097	224	454	586	
141	1.905	17.892	5.000	SP.15	33.111	38.942	41.205	32.590	37.290	38.090	4.700	0.800	12.517	-33.093	220	428	824	
142	1.920	17.907	15.000	NO.179+60	33.370	38.736	40.670	32.632	37.332	38.132	4.700	0.800	12.485	-33.098	224	397	716	
143	1.940	17.927	20.000	NO.179+80	33.338	38.802	40.729	32.689	37.389	38.189	4.700	0.800	12.568	-33.141	227	403	724	
144	1.945	17.932	5.000	EC.15	33.328	43.215	40.585	32.703	37.403	38.203	4.700	0.800	12.663	-33.182	226	1,275	694	
145	1.960	17.947	15.000	NO.180+0	33.349	39.198	40.732	32.745	37.445	38.245	4.700	0.800	12.645	-33.180	230	458	721	
146	1.980	17.967	20.000	NO.180+20	33.565	39.332	40.641	32.801	37.501	38.301	4.700	0.800	12.597	-33.163	237	479	705	
147	2.000	17.987	20.000	NO.180+40	33.641	39.277	40.533	32.858	37.558	38.358	4.700	0.800	12.830	-33.308	232	457	670	
148	2.020	18.007	20.000	NO.180+60	33.834	39.226	40.193	32.914	37.614	38.414	4.700	0.800	12.933	-33.331	237	450	609	
149	2.029	18.016	9.000	BC.16	33.425	41.081	40.174	32.939	37.639	38.439	4.700	0.800	13.045	-33.456	228	758	589	
150	2.040	18.027	11.000	NO.180+80	33.241	40.698	40.099	32.970	37.670	38.470	4.700	0.800	13.721	-33.507	238	709	596	
151	2.060	18.047	20.000	NO.181+0	32.143	40.456	39.971	33.027	37.727	38.527	4.700	0.800	13.577	-33.627	228	633	547	
152	2.076	18.063	16.000	SP.16	33.622	40.516	39.885	33.072	37.772	38.572	4.700	0.800	14.082	-33.491	258	695	576	
153	2.080	18.067	4.000	NO.181+20	33.615	40.516	39.877	33.083	37.783	38.583	4.700	0.800	13.903	-33.530	252	679	560	
154	2.100	18.087	20.000	NO.181+40	33.580	41.091	40.077	33.139	37.839	38.639	4.700	0.800	13.907	-33.622	247	776	580	
155	2.120	18.107	20.000	NO.181+60	33.600	39.999	40.254	33.196	37.896	38.696	4.700	0.800	13.994	-33.708	245	554	600	
156	2.123	18.110	3.000	EC.16	33.668	39.967	40.377	33.204	37.904	38.704	4.700	0.800	13.899	-33.661	250	553	627	
157	2.140	18.127	17.000	NO.181+80	33.729	40.072	39.655	33.252	37.952	38.752	4.700	0.800	13.741	-33.726	245	553	483	
158	2.160	18.147	20.000	NO.182+0	33.595	39.492	39.615	33.308	38.008	38.808	4.700	0.800	13.921	-33.846	241	444	463	
159	2.180	18.167	20.000	NO.182+20	33.542	39.960	39.454	33.365	38.065	38.865	4.700	0.800	15.545	-34.079	247	538	449	
160	2.200	18.187	20.000	NO.182+40	33.532	39.681	39.638	33.421	38.121	38.921	4.700	0.800	14.665	-34.041	244	466	459	
161	2.220	18.207	20.000	NO.182+60	33.679	39.578	41.462	33.477	38.177	38.977	4.700	0.800	12.745	-33.931	230	406	723	
162	2.240	18.227	20.000	NO.182+80	33.845	39.724	41.462	33.534	38.234	39.034	4.700	0.800	11.966	-33.982	216	395	670	
163	2.260	18.247	20.000	NO.183+0	33.930	39.799	39.806	33.590	38.290	39.090	4.700	0.800	10.383	-33.964	194	354	354	相沢川
164	2.273	18.260	13.000	BC.17	34.238	40.102	39.707	33.627	38.327	39.127	4.700	0.800	11.341	-33.898	222	436	383	
165	2.280	18.267	7.000	NO.183+20	34.312	40.104	40.060	33.646	38.346	39.146	4.700	0.800	11.464	-33.932	223	437	430	
166	2.300	18.287	20.000	NO.183+40	33.902	40.802	40.110	33.703	38.403	39.203	4.700	0.800	11.931	-34.145	216	529	425	
167	2.306	18.293	6.000	SP.17	34.852	41.390	40.444	33.720	38.420	39.220	4.700	0.800	10.328	-33.446	256	652	506	
168	2.320	18.307	14.000	NO.183+60	34.685	44.365	41.968	34.667	39.094	39.894	4.427	0.800	17.590	-34.503	371	1,711	980	
169	2.338	18.325	18.000	EC.17	34.838	41.189	40.676	34.718	39.145	39.945	4.427	0.800	18.983	-34.907	341	749	632	
170	2.340	18.327	2.000	NO.183+80	34.838	40.173	43.429	34.724	39.151	39.951	4.427	0.800	18.746	-34.903	338	521	1,363	
171	2.360	18.347	20.000	NO.184+0	34.879	41.305	44.088	34.781	39.208	40.008	4.427	0.800	17.073	-34.885	319	704	1,446	
172	2.380	18.367	20.000	NO.184+20	34.956	44.256	40.844	34.838	39.265	40.065	4.427	0.800	17.066	-35.024	307	1,455	578	
173	2.400	18.387	20.000	NO.184+40	35.293	40.898	42.236	34.895	39.322	40.122	4.427	0.800	15.720	-35.115	278	526	797	
174	2.420	18.407	20.000	NO.184+60	35.023	41.205	45.316	34.952	39.379	40.179	4.427	0.800	15.374	-35.194	269	555	1,575	
175	2.440	18.427	20.000	NO.184+80	35.094	41.100	43.824	35.010	39.437	40.237	4.427	0.800	14.947	-35.213	267	518	1,108	
176	2.457	18.444	17.000	BC.18	34.613	41.340	44.137	35.058	39.485	40.285	4.427	0.800	14.878	-35.295	261	544	1,163	
177	2.460	18.447	3.000	NO.185+0	34.621	43.658	43.821	35.067	39.494	40.294	4.427	0.800	14.838	-35.291	262	1,039	1,080	
178	2.480	18.467	20.000	NO.185+20	35.003	41.487	44.905	35.124	39.551	40.351	4.427	0.800	14.623	-35.331	260	554	1,340	
179	2.500	18.487	20.000	NO.185+40	35.299	41.517	46.365	35.181	39.608	40.408	4.427	0.800	14.452	-35.383	258	544	1,743	
180	2.501	18.488	1.000	SP.18	35.299	41.527	46.375	35.184	39.611	40.411	4.427	0.						

表 3-4 流下能力評価表

No.	上高倉埋からの追加距離 (km)	河口からの追加距離 (km)	単距離 (m)	測点	現況河道諸元			計画河道諸元					H-0式		流下能力			構造物
					最深河床高 (T.P.+m)	堤防高		計画河床高 (T.P.+m)	H.W.L (T.P.+m)	計画堤防高 (T.P.+m)	水深 (m)	余裕高 (m)	Q=A(H+B) <sup>2</sup>		H.W.L (m <sup>3</sup> /s)	堤防高		
						左岸 (T.P.+m)	右岸 (T.P.+m)						A	B		左岸 (m <sup>3</sup> /s)	右岸 (m <sup>3</sup> /s)	
232	3.300	19.287	20.000	NO.193+40	38.238	44.697	44.451	37.466	42.659	43.459	5.193	0.800	14.694	-38.625	239	542	499	
233	3.320	19.307	20.000	NO.193+60	38.389	44.496	44.750	37.523	42.716	43.516	5.193	0.800	13.837	-38.616	233	478	521	
234	3.338	19.325	18.000	BC-21	38.517	45.711	44.218	37.575	42.768	43.568	5.193	0.800	13.522	-38.677	226	669	415	
235	3.340	19.327	2.000	NO.193+80	38.533	44.484	44.724	37.580	42.773	43.573	5.193	0.800	13.621	-38.639	233	465	504	
236	3.360	19.347	20.000	NO.194+0	38.638	44.914	44.693	37.637	42.830	43.630	5.193	0.800	13.540	-38.680	233	526	490	
237	3.380	19.367	20.000	NO.194+20	38.579	44.649	44.841	37.695	42.888	43.688	5.193	0.800	14.739	-38.783	248	507	541	
238	3.400	19.387	20.000	NO.194+40	38.572	45.115	44.981	37.752	42.945	43.745	5.193	0.800	14.564	-38.821	248	577	553	
239	3.408	19.395	8.000	SP-21	38.776	45.059	44.982	37.775	42.968	43.768	5.193	0.800	14.415	-38.851	244	556	542	
240	3.420	19.407	12.000	NO.194+60	38.826	45.444	44.208	37.809	43.002	43.802	5.193	0.800	13.388	-38.811	235	589	390	
241	3.440	19.427	20.000	NO.194+80	38.676	46.309	44.948	37.866	43.059	43.859	5.193	0.800	13.633	-38.851	241	758	507	
242	3.460	19.447	20.000	NO.195+0	38.827	45.961	45.366	37.923	43.116	43.916	5.193	0.800	13.490	-38.878	242	677	568	
243	3.478	19.465	18.000	EC-21	38.912	45.460	45.374	37.975	43.168	43.968	5.193	0.800	13.576	-38.913	246	582	567	
244	3.480	19.467	2.000	NO.195+20	38.907	45.465	45.374	37.980	43.173	43.973	5.193	0.800	13.657	-38.943	244	581	565	
245	3.500	19.487	20.000	NO.195+40	38.955	45.636	45.374	38.037	43.230	44.030	5.193	0.800	14.124	-39.003	252	621	573	
246	3.520	19.507	20.000	NO.195+60	38.994	45.601	45.374	38.095	43.288	44.088	5.193	0.800	13.795	-39.032	250	595	555	
247	3.521	19.508	1.000	BC-22	38.987	45.616	45.041	38.097	43.290	44.090	5.193	0.800	13.929	-39.019	254	606	505	
248	3.540	19.527	19.000	NO.195+80	39.071	45.704	45.967	38.152	43.345	44.145	5.193	0.800	13.807	-39.088	250	604	653	
249	3.560	19.547	20.000	NO.196+0	39.028	46.097	44.614	38.209	43.402	44.202	5.193	0.800	13.345	-39.096	247	654	406	
250	3.580	19.567	20.000	NO.196+20	39.478	46.051	45.744	38.266	43.459	44.259	5.193	0.800	12.912	-39.061	250	631	577	
251	3.582	19.569	2.000	SP-22	39.513	46.036	45.476	38.272	43.465	44.265	5.193	0.800	12.970	-39.063	251	631	533	
252	3.600	19.587	18.000	NO.196+40	39.449	46.374	45.384	38.323	43.516	44.316	5.193	0.800	12.882	-39.145	246	673	501	
253	3.620	19.607	20.000	NO.196+60	39.596	47.348	45.852	38.380	43.573	44.373	5.193	0.800	12.790	-39.218	243	845	563	
254	3.640	19.627	20.000	NO.196+80	39.640	46.976	46.479	38.437	43.630	44.430	5.193	0.800	13.402	-39.331	248	783	685	
255	3.643	19.630	3.000	EC-22	39.646	46.881	46.549	38.446	43.639	44.439	5.193	0.800	13.436	-39.341	248	764	698	
256	3.652	19.639	9.000	NO.196+91.806	39.652	47.038	46.525	38.472	43.665	44.465	5.193	0.800	13.465	-39.383	247	789	687	新道大橋
257	3.660	19.647	8.000	NO.197+0	39.642	46.791	46.371	38.495	43.688	44.488	5.193	0.800	13.488	-39.416	246	734	653	
258	3.680	19.667	20.000	NO.197+20	38.600	47.356	45.100	38.552	43.745	44.545	5.193	0.800	12.647	-39.548	223	771	390	
259	3.700	19.687	20.000	NO.197+40	38.608	47.168	45.628	38.609	43.802	44.602	5.193	0.800	12.377	-39.534	225	721	460	
260	3.720	19.707	20.000	NO.197+60	38.665	46.453	45.736	38.666	43.859	44.659	5.193	0.800	12.322	-39.537	230	589	473	
261	3.740	19.727	20.000	NO.197+80	38.722	46.332	46.810	38.723	43.916	44.716	5.193	0.800	12.389	-39.544	237	571	654	
262	3.760	19.747	20.000	NO.198+0	38.779	46.391	45.320	38.780	43.973	44.773	5.193	0.800	12.412	-39.555	242	580	413	
263	3.780	19.767	20.000	NO.198+20	38.837	46.286	46.952	38.837	44.030	44.830	5.193	0.800	12.429	-39.554	249	563	680	
264	3.800	19.787	20.000	NO.198+40	38.894	46.103	45.959	38.895	44.088	44.888	5.193	0.800	12.305	-39.572	251	525	502	
265	3.819	19.806	19.000	BC-23	38.948	47.147	45.622	38.949	44.142	44.942	5.193	0.800	12.163	-39.574	254	698	445	
266	3.820	19.807	1.000	NO.198+60	38.951	47.174	46.172	38.952	44.145	44.945	5.193	0.800	12.214	-39.579	255	705	531	
267	3.840	19.827	20.000	NO.198+80	39.008	46.260	46.243	39.009	44.202	45.002	5.193	0.800	12.128	-39.582	259	541	538	
268	3.841	19.828	1.000	SP-23	39.011	46.303	46.241	39.012	44.205	45.005	5.193	0.800	12.145	-39.583	259	548	538	
269	3.860	19.847	19.000	NO.199+0	39.065	46.274	46.265	39.066	44.259	45.059	5.193	0.800	12.090	-39.591	263	540	538	
270	3.863	19.850	3.000	EC-23	39.095	46.278	47.402	39.075	44.268	45.068	5.193	0.800	12.151	-39.597	265	542	740	
271	3.880	19.867	17.000	NO.199+20	39.122	46.798	46.982	39.123	44.316	45.116	5.193	0.800	12.120	-39.611	268	626	658	
272	3.900	19.887	20.000	NO.199+40	39.179	46.349	46.431	39.180	44.373	45.173	5.193	0.800	11.903	-39.612	270	540	554	
273	3.920	19.907	20.000	NO.199+60	39.237	45.990	46.404	39.237	44.430	45.230	5.193	0.800	11.796	-39.618	273	479	543	
274	3.934	19.921	14.000	BC-24	39.277	46.334	45.902	39.277	44.470	45.270	5.193	0.800	11.824	-39.626	278	532	466	
275	3.940	19.927	6.000	NO.199+80	39.294	46.593	47.301	39.295	44.488	45.288	5.193	0.800	11.807	-39.631	278	572	695	
276	3.960	19.947	20.000	NO.200+0	39.351	46.641	46.337	39.352	44.545	45.345	5.193	0.800	11.795	-39.652	282	576	527	
277	3.980	19.967	20.000	NO.200+20	39.408	46.003	46.419	39.409	44.602	45.402	5.193	0.800	11.787	-39.652	289	475	540	
278	3.989	19.976	9.000	SP-24	39.435	46.670	46.611	39.435	44.628	45.428	5.193	0.800	11.790	-39.669	290	578	568	
279	4.000	19.987	11.000	NO.200+40	39.465	46.779	47.671	39.466	44.659	45.459	5.193	0.800	11.740	-39.681	291	591	749	
280	4.020	20.007	20.000	NO.200+60	39.522	46.672	46.730	39.523	44.716	45.516	5.193	0.800	11.693	-39.705	294	567	577	
281	4.040	20.027	20.000	NO.200+80	39.579	46.726	47.645	39.580	44.773	45.573	5.193	0.800	11.563	-39.723	295	567	726	
282	4.045	20.032	5.000	EC-24	39.593	46.646	46.717	39.595	44.788	45.588	5.193	0.800	11.530	-39.727	295	552	563	
283	4.060	20.047	15.000	NO.201+0	39.637	46.735	46.326	39.637	44.830	45.630	5.193	0.800	11.533	-39.744	298	564	500	
284	4.080	20.067	20.000	NO.201+20	39.694	46.674	47.909	39.695	44.888	45.688	5.193	0.800	11.536	-39.778	301	549	763	
285	4.100	20.087	20.000	NO.201+40	39.751	46.670	46.942	39.752	44.945	45.745	5.193	0.800	11.492	-39.791	305	544	588	
286	4.111	20.098	11.000	BC-25	39.783	46.802	47.128	39.783	44.976	45.776	5.193	0.800	11.478	-39.808	307	561	615	
287	4.120	20.107	9.000	NO.201+60	39.808	46.881	47.139	39.809	45.002	45.802	5.193	0.800	11.498	-39.828	308	572	615	
288	4.140	20.127	20.000	NO.201+80	39.865	47.860	46.928	39.866	45.059	45.859	5.193	0.800	11.422	-39.855	309	732	571	
289	4.160	20.147	20.000	NO.202+0	39.922	46.705	46.581	39.923	45.116	45.916	5.193	0.800	11.579	-39.900	315	536	517	
290	4.169	20.156	9.000	SP-25	39.948	46.665	46.983	39.949	45.142	45.942	5.193	0.800	11.579	-39.912	317	528	579	
291	4.180	20.167	11.000	NO.202+20	39.979	47.186	48.920	39.980	45.173	45.973	5.193	0.800	11.577	-39.929	318	610	936	
292	4.200	20.187	20.000	NO.202+40	40.037	46.222	47.152	40.037	45.230	46.030	5.193	0.800	11.663	-39.975	322	455	601	
293	4.220	20.207	20.000	NO.202+60	40.094	46.397	47.391	40.095	45.288	46.088	5.193	0.800	1					

表 3-5 流下能力評価表

No.	上高倉堰からの追加距離 (km)	河口からの追加距離 (km)	単距離 (m)	測点	現況河道諸元				計画河道諸元				H-0式		流下能力			構造物
					最深河床高 (T.P.+m)	堤防高		計画河床高 (T.P.+m)	H.W.L (T.P.+m)	計画堤防高 (T.P.+m)	水深 (m)	余裕高 (m)	Q=A(H+B) <sup>2</sup>		H.W.L (m <sup>3</sup> /s)	堤防高		
						左岸 (T.P.+m)	右岸 (T.P.+m)						A	B		左岸 (m <sup>3</sup> /s)	右岸 (m <sup>3</sup> /s)	
345	5.080	21.067	20.000	NO.211+20	42.551	52.948	52.810	42.552	47.752	48.552	5.200	0.800	8.291	-41.772	296	1,036	1,010	
346	5.100	21.087	20.000	NO.211+40	42.608	52.621	50.015	42.609	47.809	48.609	5.200	0.800	8.178	-41.794	296	959	553	
347	5.120	21.107	20.000	NO.211+60	42.665	48.665	50.873	42.666	47.866	48.666	5.200	0.800	8.143	-41.835	296	380	665	
348	5.140	21.127	20.000	NO.211+80	42.722	52.817	52.748	42.723	47.923	48.723	5.200	0.800	8.097	-41.873	296	970	958	
349	5.160	21.147	20.000	NO.212+0	42.779	52.332	52.691	42.780	47.980	48.780	5.200	0.800	8.048	-41.918	296	873	934	
350	5.180	21.167	20.000	NO.212+20	42.837	52.868	52.638	42.837	48.037	48.837	5.200	0.800	8.003	-41.957	296	953	913	
351	5.200	21.187	20.000	NO.212+40	42.894	49.797	48.908	42.894	48.094	48.894	5.200	0.800	7.970	-41.965	299	489	384	
352	5.220	21.207	20.000	NO.212+60	42.951	52.996	52.897	42.952	48.152	48.952	5.200	0.800	7.939	-42.051	295	951	934	
353	5.240	21.227	20.000	NO.212+80	42.879	49.104	50.047	43.009	48.209	49.009	5.200	0.800	7.890	-42.089	295	388	500	
354	5.260	21.247	20.000	NO.213+0	42.916	52.924	49.133	43.066	48.266	49.066	5.200	0.800	7.841	-42.123	296	915	385	
355	5.280	21.267	20.000	NO.213+20	42.872	49.243	49.199	43.123	48.323	49.123	5.200	0.800	7.285	-41.572	332	429	424	
356	5.300	21.287	20.000	NO.213+40	42.577	49.330	49.460	43.180	48.380	49.180	5.200	0.800	7.326	-41.851	312	410	424	
357	5.320	21.307	20.000	NO.213+60	42.782	49.240	50.007	43.237	48.437	49.237	5.200	0.800	7.368	-42.173	289	368	452	
358	5.340	21.327	20.000	NO.213+80	42.576	49.329	49.459	43.294	48.494	49.294	5.200	0.800	7.072	-42.126	287	367	380	
359	5.360	21.347	20.000	NO.214+0	43.601	50.476	49.964	43.352	48.552	49.352	5.200	0.800	9.343	-42.877	301	540	469	
360	5.367	21.354	7.000	NO.214+7.001	43.950	50.620	50.610	43.372	48.572	49.372	5.200	0.800	10.041	-43.194	290	554	552	鹿島橋
361	5.380	21.367	13.000	NO.214+20	44.066	50.250	49.670	43.409	48.609	49.409	5.200	0.800	9.170	-43.415	247	428	359	
362	5.400	21.387	20.000	NO.214+40	44.381	53.811	53.931	43.466	48.666	49.466	5.200	0.800	10.745	-43.692	266	1,100	1,127	
363	5.407	21.394	7.000	BC-28	44.425	54.145	53.605	43.486	48.686	49.486	5.200	0.800	10.009	-43.625	256	1,108	997	相模鉄道橋
364	5.420	21.407	13.000	NO.214+60	43.832	49.897	49.555	43.523	48.723	49.523	5.200	0.800	8.088	-43.642	209	316	283	
365	5.440	21.427	20.000	NO.214+80	43.872	49.994	49.938	43.580	48.780	49.580	5.200	0.800	7.904	-43.608	211	322	317	
366	5.442	21.429	2.000	SP-28	43.819	50.026	49.919	43.586	48.786	49.586	5.200	0.800	7.899	-43.608	212	325	315	
367	5.460	21.447	18.000	NO.215+0	43.901	50.132	49.823	43.637	48.837	49.637	5.200	0.800	8.018	-43.678	213	334	303	
368	5.477	21.464	17.000	EC-28	44.272	51.006	49.941	43.686	48.886	49.686	5.200	0.800	8.260	-43.661	225	446	326	
369	5.480	21.467	3.000	NO.215+20	44.276	50.222	49.836	43.694	48.894	49.694	5.200	0.800	8.218	-43.630	228	357	317	
370	5.494	21.481	14.000	BC-29	43.992	51.643	49.840	43.734	48.934	49.734	5.200	0.800	8.135	-43.602	231	526	317	
371	5.500	21.487	6.000	NO.215+40	44.023	50.415	49.780	43.752	48.952	49.752	5.200	0.800	8.199	-43.638	231	377	309	
372	5.520	21.507	20.000	NO.215+60	43.789	50.419	49.724	43.809	49.009	49.809	5.200	0.800	8.335	-43.714	234	375	301	
373	5.531	21.518	11.000	SP-29	44.080	50.443	49.837	43.840	49.040	49.840	5.200	0.800	8.350	-43.714	237	378	313	
374	5.540	21.527	9.000	NO.215+80	44.200	50.511	49.798	43.866	49.066	49.866	5.200	0.800	8.453	-43.766	237	385	308	
375	5.560	21.547	20.000	NO.216+0	44.459	51.216	50.213	43.923	49.123	49.923	5.200	0.800	8.716	-44.007	228	453	336	
376	5.569	21.556	9.000	EC-29	44.561	51.231	51.151	44.749	49.149	49.949	4.400	0.800	8.593	-43.841	242	469	459	
377	5.573	21.560	4.000	NO.216+13.066	44.628	51.237	51.211	44.760	49.160	49.960	4.400	0.800	8.698	-43.883	242	470	467	入村橋
378	5.580	21.567	7.000	NO.216+20	44.625	51.364	51.228	44.780	49.180	49.980	4.400	0.800	8.766	-43.921	242	486	468	
379	5.600	21.587	20.000	NO.216+40	44.832	51.051	53.577	44.837	49.237	50.037	4.400	0.800	8.962	-44.001	246	445	822	
380	5.620	21.607	20.000	NO.216+60	45.575	51.008	54.665	44.894	49.294	50.094	4.400	0.800	19.878	-45.496	287	604	1,671	
381	5.640	21.627	20.000	NO.216+80	45.017	50.682	53.544	44.952	49.352	50.152	4.400	0.800	15.596	-45.875	188	360	917	
382	5.660	21.647	20.000	NO.217+0	45.040	50.056	54.398	45.009	49.409	50.209	4.400	0.800	15.825	-45.885	197	275	1,147	
383	5.680	21.667	20.000	NO.217+20	45.016	50.069	54.373	45.066	49.466	50.266	4.400	0.800	15.580	-45.878	201	274	1,124	
384	5.690	21.677	10.000	BC-30	45.505	50.706	55.058	45.094	49.494	50.294	4.400	0.800	17.445	-45.844	232	412	1,481	
385	5.700	21.687	10.000	NO.217+40	45.145	50.116	54.510	45.123	49.523	50.323	4.400	0.800	15.427	-45.908	202	273	1,141	
386	5.712	21.699	12.000	SP-30	44.997	50.153	54.350	45.157	49.557	50.357	4.400	0.800	15.360	-45.911	204	276	1,094	
387	5.720	21.707	8.000	NO.217+60	44.957	50.405	54.392	45.180	49.580	50.380	4.400	0.800	15.311	-45.911	206	309	1,101	
388	5.734	21.721	14.000	EC-30	44.876	50.827	54.328	45.220	49.620	50.420	4.400	0.800	15.242	-45.920	209	367	1,077	
389	5.740	21.727	6.000	NO.217+80	45.039	50.938	54.381	45.237	49.637	50.437	4.400	0.800	15.274	-45.919	211	385	1,094	
390	5.748	21.735	8.000	BC-31	45.300	50.937	54.577	45.260	49.660	50.460	4.400	0.800	15.156	-45.923	212	381	1,135	
391	5.760	21.747	12.000	NO.218+0	45.353	50.884	54.657	45.294	49.694	50.494	4.400	0.800	15.094	-45.930	214	371	1,150	
392	5.780	21.767	20.000	NO.218+20	45.359	50.502	54.514	45.352	49.752	50.552	4.400	0.800	15.172	-45.925	222	318	1,119	
393	5.800	21.787	20.000	NO.218+40	45.536	50.410	54.940	45.409	49.809	50.609	4.400	0.800	14.998	-45.931	225	301	1,217	
394	5.820	21.807	20.000	NO.218+60	45.801	50.470	54.609	45.466	49.866	50.666	4.400	0.800	14.965	-45.945	230	306	1,123	
395	5.832	21.819	12.000	SP-31	46.101	50.526	54.018	45.500	49.900	50.700	4.400	0.800	14.984	-45.963	232	312	972	
396	5.840	21.827	8.000	NO.218+80	46.182	50.515	53.976	45.523	49.923	50.723	4.400	0.800	14.997	-45.984	233	308	958	
397	5.860	21.847	20.000	NO.219+0	46.242	50.605	52.443	45.580	49.980	50.780	4.400	0.800	15.082	-46.022	236	317	622	
398	5.880	21.867	20.000	NO.219+20	46.496	50.537	52.088	45.637	50.037	50.837	4.400	0.800	15.050	-46.065	237	301	546	
399	5.900	21.887	20.000	NO.219+40	46.416	50.638	52.092	45.694	50.094	50.894	4.400	0.800	15.060	-46.132	236	306	535	
400	5.915	21.902	15.000	EC-31	46.340	50.687	52.215	45.737	50.137	50.937	4.400	0.800	14.980	-46.179	235	304	546	
401	5.920	21.907	5.000	NO.219+60	45.877	50.695	53.166	45.752	50.152	50.952	4.400	0.800	14.865	-46.219	230	298	717	
402	5.940	21.927	20.000	NO.219+80	46.157	50.753	54.725	45.809	50.209	51.009	4.400	0.800	16.439	-46.246	258	334	1,182	
403	5.960	21.947	20.000	NO.220+0	46.260	50.910	51.391	45.866	50.266	51.066	4.400	0.800	17.191	-46.265	275	371	452	
404	5.980	21.967	20.000	NO.220+20	46.215	50.863	52.827	45.923	50.323	51.123	4.400	0.800	15.822	-46.359	249	321	662	
405	6.000	21.987	20.000	NO.220+40	46.337	50.933	51.222	45.980	50.380	51.180	4.400	0.800	14.957	-46.401	237	307	348	
406	6.020	22.007	20.000	NO.220+60	46.456	51.150	52.674</											

表 3-6 流下能力評価表

No.	上高倉堰からの追加距離 (km)	河口からの追加距離 (km)	単距離 (m)	測点	現況河床諸元			計画河床諸元					H-0式		流下能力			構造物
					最深河床高 (T.P.+m)	堤防高		計画河床高 (T.P.+m)	H.W.L (T.P.+m)	計画堤防高 (T.P.+m)	水深 (m)	余裕高 (m)	Q=A(H+B)^2		H.W.L (m³/s)	堤防高		
						左岸 (T.P.+m)	右岸 (T.P.+m)						A	B		左岸 (m³/s)	右岸 (m³/s)	
459	6.940	22.927	20.000	NO 229+80	48.810	54.170	53.570	48.666	53.066	53.866	4.400	0.800	13.731	-48.716	260	408	323	
460	6.960	22.947	20.000	NO 230	48.824	53.698	53.609	48.723	53.123	53.923	4.400	0.800	13.769	-48.791	258	332	320	
461	6.980	22.967	20.000	NO 230+20	48.860	53.660	53.680	48.780	53.180	53.980	4.400	0.800	13.752	-48.853	258	318	320	
462	7.000	22.987	20.000	NO 230+40	48.850	53.710	53.710	48.837	53.237	54.037	4.400	0.800	13.687	-48.905	257	316	316	
463	7.020	23.007	20.000	NO 230+60	48.946	53.787	53.819	48.894	53.294	54.094	4.400	0.800	13.643	-48.948	258	320	324	
464	7.040	23.027	20.000	NO 230+80	49.010	53.850	53.810	48.952	53.352	54.152	4.400	0.800	13.641	-49.014	257	319	314	
465	7.060	23.047	20.000	NO 231	48.800	54.000	53.840	49.009	53.409	54.209	4.400	0.800	13.583	-49.073	255	330	309	
466	7.080	23.067	20.000	NO 231+20	49.745	54.884	54.854	49.066	53.466	54.266	4.400	0.800	12.588	-49.085	242	423	419	
467	7.088	23.075	8.000	NO 231+27.925	49.850	54.961	54.955	49.088	53.488	54.288	4.400	0.800	12.643	-49.093	244	435	434	中島橋
468	7.100	23.087	12.000	NO 231+40	49.575	54.580	54.884	49.123	53.523	54.323	4.400	0.800	12.772	-49.063	254	389	433	
469	7.120	23.107	20.000	NO 231+60	49.304	54.061	54.660	49.180	53.580	54.380	4.400	0.800	13.734	-49.186	265	326	412	
470	7.140	23.127	20.000	NO 231+80	49.732	54.380	54.267	49.237	53.637	54.437	4.400	0.800	17.970	-49.695	279	394	376	
471	7.148	23.135	8.000	NO 231+87.745	50.376	54.670	54.676	49.260	53.660	54.460	4.400	0.800	16.417	-49.386	300	458	459	
472	7.160	23.147	12.000	NO 232	49.431	54.810	54.773	49.294	53.694	54.494	4.400	0.800	18.829	-49.925	267	449	443	
473	7.180	23.167	20.000	NO 232+20	49.450	57.078	56.976	49.352	53.752	54.552	4.400	0.800	11.627	-49.239	237	714	696	
474	7.200	23.187	20.000	NO 232+40	49.606	54.932	59.582	49.409	53.809	54.609	4.400	0.800	11.777	-49.336	236	369	1,236	
475	7.220	23.207	20.000	NO 232+60	49.663	54.932	54.952	49.466	53.866	54.666	4.400	0.800	11.839	-49.382	238	365	367	
476	7.230	23.217	10.000	BC 34	49.657	55.024	59.215	49.494	53.894	54.694	4.400	0.800	12.205	-49.524	233	369	1,146	
477	7.240	23.227	10.000	NO 232+80	49.718	55.033	59.449	49.523	53.923	54.723	4.400	0.800	12.346	-49.575	233	368	1,204	
478	7.260	23.247	20.000	NO 233	49.677	55.205	59.771	49.580	53.980	54.780	4.400	0.800	12.689	-49.709	231	383	1,285	
479	7.271	23.258	11.000	SP 34	49.634	55.196	59.812	49.612	54.012	54.812	4.400	0.800	12.715	-49.778	228	373	1,280	
480	7.280	23.267	9.000	NO 233+20	49.627	55.120	58.053	49.637	54.037	54.837	4.400	0.800	12.620	-49.819	225	355	856	
481	7.300	23.287	20.000	NO 233+40	49.510	55.497	60.060	49.694	54.094	54.894	4.400	0.800	12.563	-49.889	222	395	1,300	
482	7.311	23.298	11.000	EC 34	48.043	55.550	59.930	49.726	54.126	54.926	4.400	0.800	12.290	-49.992	210	380	1,214	
483	7.320	23.307	9.000	NO 233+60	49.858	55.522	59.678	49.752	54.152	54.952	4.400	0.800	12.241	-49.792	233	402	1,196	
484	7.340	23.327	20.000	NO 233+80	49.610	55.374	56.492	49.809	54.209	55.009	4.400	0.800	12.324	-49.876	231	373	539	
485	7.349	23.336	9.000	BC 35	49.673	56.775	56.632	49.834	54.234	55.034	4.400	0.800	12.572	-49.961	230	584	559	
486	7.360	23.347	11.000	NO 234	49.851	56.460	56.282	49.866	54.266	55.066	4.400	0.800	12.597	-49.970	232	531	502	
487	7.380	23.367	20.000	NO 234+20	50.308	56.554	55.394	49.923	54.323	55.123	4.400	0.800	12.035	-49.853	241	540	370	
488	7.389	23.376	9.000	SP 35	50.364	56.507	55.435	49.949	54.349	55.149	4.400	0.800	13.228	-50.197	228	527	363	
489	7.400	23.387	11.000	NO 234+40	50.310	56.550	55.390	49.980	54.380	55.180	4.400	0.800	13.096	-50.255	223	519	345	
490	7.420	23.407	20.000	NO 234+60	50.488	55.611	55.526	50.037	54.437	55.237	4.400	0.800	13.163	-50.287	227	373	361	
491	7.429	23.416	9.000	EC 35	50.652	55.669	55.558	50.063	54.463	55.263	4.400	0.800	13.229	-50.316	227	379	363	
492	7.440	23.427	11.000	NO 234+80	50.519	55.759	55.575	50.094	54.494	55.294	4.400	0.800	17.047	-50.678	248	440	409	
493	7.460	23.447	20.000	NO 235	50.502	56.202	55.602	50.152	54.552	55.352	4.400	0.800	15.344	-51.149	178	392	304	
494	7.480	23.467	20.000	NO 235+20	50.830	56.200	55.642	50.209	54.609	55.409	4.400	0.800	15.185	-51.133	183	390	309	
495	7.500	23.487	20.000	NO 235+40	50.937	56.724	55.689	50.266	54.666	55.466	4.400	0.800	15.001	-51.143	186	467	310	
496	7.520	23.507	20.000	NO 235+60	50.964	56.911	55.794	50.323	54.723	55.523	4.400	0.800	14.909	-51.180	187	490	317	
497	7.540	23.527	20.000	NO 235+80	51.039	56.929	55.853	50.380	54.780	55.580	4.400	0.800	14.694	-51.192	189	484	319	
498	7.560	23.547	20.000	NO 236	51.149	56.377	55.909	50.437	54.837	55.637	4.400	0.800	14.655	-51.243	189	386	319	
499	7.580	23.567	20.000	NO 236+20	51.078	56.163	55.965	50.494	54.894	55.694	4.400	0.800	14.599	-51.289	190	347	319	
500	7.600	23.587	20.000	NO 236+40	51.053	57.299	56.022	50.552	54.952	55.752	4.400	0.800	14.396	-51.319	190	515	318	
501	7.620	23.607	20.000	NO 236+60	51.019	58.106	56.082	50.609	55.009	55.809	4.400	0.800	14.246	-51.368	189	647	317	
502	7.631	23.618	11.000	BC 36	51.105	57.598	56.115	50.640	55.040	55.840	4.400	0.800	14.233	-51.386	190	549	318	
503	7.640	23.627	9.000	NO 236+80	51.032	57.394	56.137	50.666	55.066	55.866	4.400	0.800	14.155	-51.400	190	509	318	
504	7.660	23.647	20.000	NO 237	50.923	56.768	56.177	50.723	55.123	55.923	4.400	0.800	13.847	-51.416	190	397	314	
505	7.680	23.667	20.000	NO 237+20	51.407	56.357	56.227	50.780	55.180	55.980	4.400	0.800	13.384	-51.407	191	328	311	
506	7.700	23.687	20.000	NO 237+40	51.558	56.417	56.331	50.837	55.237	56.037	4.400	0.800	14.308	-51.494	200	347	335	
507	7.706	23.693	6.000	SP 36	51.627	56.417	56.323	50.854	55.254	56.054	4.400	0.800	14.306	-51.489	203	347	334	
508	7.720	23.707	14.000	NO 237+60	51.626	56.465	56.394	50.894	55.294	56.094	4.400	0.800	14.459	-51.600	197	342	332	
509	7.740	23.727	20.000	NO 237+80	51.716	56.559	56.434	50.952	55.352	56.152	4.400	0.800	14.623	-51.653	200	352	334	
510	7.760	23.747	20.000	NO 238	52.044	56.564	56.569	51.009	55.409	56.209	4.400	0.800	14.700	-51.746	197	341	342	
511	7.780	23.767	20.000	NO 238+20	52.118	56.616	56.556	51.066	55.466	56.266	4.400	0.800	14.795	-51.847	194	337	328	
512	7.782	23.769	2.000	EC 36	52.120	56.618	56.558	51.072	55.472	56.272	4.400	0.800	14.805	-51.858	193	335	327	
513	7.800	23.787	18.000	NO 238+40	52.127	56.779	56.592	51.123	55.523	56.323	4.400	0.800	14.803	-51.926	192	349	322	
514	7.820	23.807	20.000	NO 238+60	52.333	56.793	56.334	51.180	55.580	56.380	4.400	0.800	15.127	-52.025	191	344	602	
515	7.840	23.827	20.000	NO 238+80	52.489	56.800	62.025	51.237	55.637	56.437	4.400	0.800	21.099	-52.553	201	381	1,893	
516	7.860	23.847	20.000	NO 239	52.422	56.868	56.751	51.294	55.694	56.494	4.400	0.800	19.138	-52.503	195	365	345	
517	7.880	23.867	20.000	NO 239+20	52.559	56.848	56.799	51.352	55.752	56.552	4.400	0.800	18.110	-52.504	191	342	334	
518	7.900	23.887	20.000	NO 239+40	52.554	56.869	56.869	51.409	55.809	56.609	4.400	0.800	16.746	-52.493	184	321	321	東名高速道路
519	7.920	23.907	20.000	NO 239+60	52.699	56.954	58.264	51.466	55.866	56.666	4.400	0.800	16.554	-52.503	187	328	549	
520	7.940	23.927	20.000	NO 239+80	52.668	57.018	57.552	51.523	55.923	56.723	4.400							

表 3-7 流下能力評価表

No.	上高倉堰からの追加距離 (km)	河口からの追加距離 (km)	単距離 (m)	測点	現況河道諸元			計画河道諸元					H-Q式		流下能力			構造物
					最深河床高 (T.P.+m)	堤防高		計画河床高 (T.P.+m)	H.W.L (T.P.+m)	計画堤防高 (T.P.+m)	水深 (m)	余裕高 (m)	Q=A(H+B) <sup>2</sup>		H.W.L (m <sup>3</sup> /s)	堤防高		
						左岸 (T.P.+m)	右岸 (T.P.+m)						A	B		左岸 (m <sup>3</sup> /s)	右岸 (m <sup>3</sup> /s)	
572	8.719	24.706	19.000	EC.40	54.616	64.033	62.210	53.972	58.672	59.472	4.700	0.800	13.665	-54.759	209	1.175	759	
573	8.720	24.707	1.000	NO.247+60	54.692	64.033	62.208	53.974	58.674	59.474	4.700	0.800	13.848	-54.740	214	1.196	772	
574	8.740	24.727	20.000	NO.247+80	54.234	63.923	59.509	54.024	58.724	59.524	4.700	0.800	12.402	-54.858	185	1.019	268	
575	8.755	24.742	15.000	NO.247+94.769	54.936	59.695	59.509	54.061	58.761	59.561	4.700	0.800	12.739	-54.733	207	314	291	大和橋
576	8.760	24.747	5.000	NO.248	54.874	59.695	62.021	54.073	58.773	59.573	4.700	0.800	12.908	-54.790	205	311	675	
577	8.780	24.767	20.000	NO.248+20	54.839	62.285	65.296	54.123	58.823	59.623	4.700	0.800	13.384	-54.814	215	747	1.470	
578	8.800	24.787	20.000	NO.248+40	54.745	63.475	65.260	54.172	58.872	59.672	4.700	0.800	13.478	-54.913	211	988	1.443	
579	8.820	24.807	20.000	NO.248+60	54.510	63.284	65.284	54.221	58.921	59.721	4.700	0.800	13.583	-54.969	212	939	1.445	
580	8.829	24.816	9.000	BC.41	54.613	63.322	65.284	54.244	58.944	59.744	4.700	0.800	13.491	-54.975	212	940	1.434	
581	8.840	24.827	11.000	NO.248+80	54.782	67.347	65.269	54.271	58.971	59.771	4.700	0.800	13.626	-55.010	214	2,074	1,434	
582	8.860	24.847	20.000	NO.249	54.598	63.435	61.547	54.320	59.020	59.820	4.700	0.800	13.547	-55.079	210	946	567	
583	8.880	24.867	20.000	NO.249+20	54.997	63.487	61.475	54.369	59.069	59.869	4.700	0.800	13.524	-55.145	208	941	542	
584	8.900	24.887	20.000	NO.249+40	55.360	63.521	60.880	54.419	59.119	59.919	4.700	0.800	13.534	-55.192	209	939	438	
585	8.920	24.907	20.000	NO.249+60	54.765	63.644	60.725	54.468	59.168	59.968	4.700	0.800	13.710	-55.328	202	948	399	
586	8.940	24.927	20.000	NO.249+80	54.919	63.724	60.813	54.518	59.218	60.018	4.700	0.800	13.501	-55.348	202	947	403	
587	8.957	24.944	17.000	SP.41	54.528	62.945	60.507	54.560	59.260	60.060	4.700	0.800	13.510	-55.393	202	770	353	
588	8.960	24.947	3.000	NO.250	54.731	62.955	60.527	54.567	59.267	60.067	4.700	0.800	13.254	-55.425	196	751	345	
589	8.980	24.967	20.000	NO.250+20	55.118	62.918	60.702	54.616	59.316	60.116	4.700	0.800	13.157	-55.402	202	743	370	
590	9.000	24.987	20.000	NO.250+40	55.552	62.898	61.044	54.666	59.366	60.166	4.700	0.800	12.756	-55.495	191	699	393	
591	9.005	24.992	5.000	NO.250+45.019	55.932	62.425	61.397	54.679	59.379	60.179	4.700	0.800	12.597	-55.523	187	600	435	
592	9.020	25.007	15.000	NO.250+60	56.022	60.494	61.416	54.718	59.418	60.218	4.700	0.800	12.443	-55.508	190	309	434	
593	9.026	25.013	6.000	NO.250+65.536	55.988	62.850	61.567	54.734	59.434	60.234	4.700	0.800	12.425	-55.533	189	665	452	目黒橋
594	9.040	25.027	14.000	NO.250+80	55.740	62.828	61.343	54.771	59.471	60.271	4.700	0.800	12.504	-55.562	191	660	418	
595	9.060	25.047	20.000	NO.251	55.194	61.036	61.003	54.823	59.523	60.323	4.700	0.800	12.485	-55.572	195	373	368	
596	9.080	25.067	20.000	NO.251+20	54.432	61.250	61.538	54.876	59.576	60.376	4.700	0.800	12.239	-55.603	193	390	431	
597	9.084	25.071	4.000	EC.41	54.436	61.154	61.537	54.887	59.587	60.387	4.700	0.800	12.227	-55.605	194	377	430	
598	9.100	25.087	16.000	NO.251+40	55.190	61.158	61.526	54.929	59.629	60.429	4.700	0.800	12.472	-55.554	207	392	445	
599	9.120	25.107	20.000	NO.251+60	55.057	61.278	61.442	54.981	59.681	60.481	4.700	0.800	12.581	-55.608	209	404	428	
600	9.135	25.122	15.000	BC.42	54.378	61.261	63.791	55.021	59.721	60.521	4.700	0.800	12.637	-55.652	209	398	837	
601	9.140	25.127	5.000	NO.251+80	54.389	61.316	63.680	55.034	59.734	60.534	4.700	0.800	12.695	-55.669	210	405	815	
602	9.160	25.147	20.000	NO.252	56.091	61.574	60.905	55.087	59.787	60.587	4.700	0.800	12.665	-55.629	219	448	353	
603	9.179	25.166	19.000	SP.42	56.509	61.764	60.924	55.137	59.837	60.637	4.700	0.800	12.746	-55.654	223	476	354	
604	9.180	25.167	1.000	NO.252+20	56.512	61.767	60.927	55.139	59.839	60.639	4.700	0.800	12.759	-55.657	223	476	354	
605	9.200	25.187	20.000	NO.252+40	56.746	63.465	61.000	55.192	59.892	60.692	4.700	0.800	13.278	-55.787	224	783	361	
606	9.220	25.207	20.000	NO.252+60	56.836	62.005	61.028	55.245	59.945	60.745	4.700	0.800	14.039	-55.979	221	510	358	
607	9.224	25.211	4.000	EC.42	56.834	62.095	61.018	55.255	59.955	60.755	4.700	0.800	14.113	-56.007	220	523	354	
608	9.240	25.227	16.000	NO.252+80	56.634	62.111	61.113	55.297	59.997	60.797	4.700	0.800	14.314	-56.090	218	519	361	
609	9.260	25.247	20.000	NO.253	56.685	62.402	61.207	55.350	60.050	60.850	4.700	0.800	14.509	-56.170	218	563	368	
610	9.280	25.267	20.000	NO.253+20	56.733	62.859	61.299	55.402	60.102	60.902	4.700	0.800	14.680	-56.238	219	644	376	
611	9.300	25.287	20.000	NO.253+40	56.726	63.198	62.803	55.455	60.155	60.955	4.700	0.800	14.902	-56.272	225	715	636	
612	9.320	25.307	20.000	NO.253+60	56.667	63.610	62.529	55.508	60.208	61.008	4.700	0.800	14.985	-56.329	225	794	576	
613	9.340	25.327	20.000	NO.253+80	56.832	63.902	61.410	55.560	60.260	61.060	4.700	0.800	15.694	-56.489	223	862	380	
614	9.358	25.345	18.000	BC.43	57.091	63.916	64.880	55.608	60.308	61.108	4.700	0.800	15.974	-56.554	225	866	1,107	
615	9.360	25.347	2.000	NO.254	57.094	64.073	65.046	55.613	60.313	61.113	4.700	0.800	16.842	-56.610	231	938	1,198	
616	9.378	25.365	18.000	NO.254+17.733	57.157	63.964	64.472	55.660	60.360	61.160	4.700	0.800	16.530	-56.732	218	864	990	鶴間橋
617	9.380	25.367	2.000	NO.254+20	57.226	63.828	64.465	55.666	60.366	61.166	4.700	0.800	16.833	-56.730	223	848	1,007	
618	9.393	25.380	13.000	SP.43	57.020	63.471	61.250	55.700	60.400	61.200	4.700	0.800	16.146	-56.786	211	722	322	
619	9.400	25.387	7.000	NO.254+40	57.010	65.520	63.905	55.718	60.418	61.218	4.700	0.800	16.498	-56.825	213	1,247	827	
620	9.420	25.407	20.000	NO.254+60	56.850	63.737	64.390	55.771	60.471	61.271	4.700	0.800	15.625	-56.832	207	745	892	
621	9.429	25.416	9.000	EC.43	56.267	64.795	66.654	55.795	60.495	61.295	4.700	0.800	15.128	-56.859	200	953	1,451	
622	9.440	25.427	11.000	NO.254+80	55.989	63.727	61.302	55.823	60.523	61.323	4.700	0.800	16.166	-56.913	211	751	311	
623	9.445	25.432	5.000	NO.254+84.952	55.989	63.727	63.086	55.837	60.537	61.337	4.700	0.800	16.042	-56.911	211	745	612	鶴瀬橋
624	9.460	25.447	15.000	NO.255	56.293	62.759	65.384	55.876	60.576	61.376	4.700	0.800	19.248	-56.964	251	646	1,365	
625	9.480	25.467	20.000	NO.255+20	56.494	65.203	68.331	55.929	60.629	61.429	4.700	0.800	18.497	-56.944	251	1,262	2,398	
626	9.500	25.487	20.000	NO.255+40	55.927	62.682	65.633	55.981	60.681	61.481	4.700	0.800	17.246	-57.022	231	553	1,279	
627	9.520	25.507	20.000	NO.255+60	55.668	62.701	64.974	56.034	60.734	61.534	4.700	0.800	16.011	-57.026	220	516	1,011	
628	9.540	25.527	20.000	NO.255+80	56.430	62.701	63.797	56.087	60.787	61.587	4.700	0.800	15.783	-56.963	231	520	737	
629	9.560	25.547	20.000	NO.256	56.933	62.687	63.133	56.139	60.839	61.639	4.700	0.800	15.508	-56.988	230	504	586	
630	9.570	25.557	10.000	NO.256+10	57.093	65.058	63.320	56.166	60.866	61.666	4.700	0.800	15.029	-56.916	234	996	616	管内境