



**INDICATIVE GROUND LEVELS ALONG C.L. OF PROPOSED BRIDGE (DETAILS TO BE VERIFIED AT SITE)**

SL. NO.	LOCATION	GROUND LEVEL (m)	DISTANCE (m)	SL. NO.	LOCATION	GROUND LEVEL (m)	DISTANCE (m)	SL. NO.	LOCATION	GROUND LEVEL (m)	DISTANCE (m)	SL. NO.	LOCATION	GROUND LEVEL (m)	DISTANCE (m)
1	A1	100.000	0.000	21	P20	97.830	657.880	41	P40	100.200	1316.380	61	P60	98.250	1974.900
2	P1	97.560	32.266	22	P21	97.700	690.786	42	P41	100.300	1349.306	62	P61	98.415	2007.826
3	P2	95.600	65.192	23	P22	98.875	723.712	43	P42	100.605	1382.232	63	P62	98.005	2040.752
4	P3	97.700	98.118	24	P23	98.080	756.638	44	P43	101.030	1415.158	64	P63	98.250	2073.678
5	P4	98.815	131.044	25	P24	98.300	789.564	45	P44	101.100	1448.084	65	P64	98.610	2106.604
6	P5	98.535	163.970	26	P25	98.190	822.490	46	P45	100.725	1481.010	66	P65	98.805	2139.530
7	P6	98.435	196.896	27	P26	98.700	855.416	47	P46	100.710	1513.936	67	P66	98.615	2172.456
8	P7	96.530	229.822	28	P27	99.460	888.342	48	P47	101.020	1546.862	68	P67	98.320	2205.382
9	P8	98.520	262.748	29	P28	100.005	921.268	49	P48	100.750	1579.788	69	P68	99.943	2238.308
10	P9	98.300	295.674	30	P29	99.870	954.194	50	P49	100.570	1612.714	70	P69	99.020	2271.234
11	P10	98.375	328.600	31	P30	98.460	987.120	51	P50	100.150	1645.640	71	P70	98.605	2304.160
12	P11	96.520	361.526	32	P31	98.020	1020.046	52	P51	98.590	1678.566	72	P71	98.425	2337.086
13	P12	96.250	394.452	33	P32	98.445	1052.972	53	P52	98.890	1711.492	73	P72	98.695	2370.012
14	P13	97.070	427.378	34	P33	98.630	1085.898	54	P53	99.320	1744.418	74	P73	98.625	2402.938
15	P14	97.840	460.304	35	P34	98.130	1118.824	55	P54	99.385	1777.344	75	P74	98.200	2435.864
16	P15	97.940	493.230	36	P35	98.860	1151.750	56	P55	99.485	1810.270	76	P75	98.200	2468.790
17	P16	97.940	526.156	37	P36	99.270	1184.676	57	P56	99.325	1843.196	77	P76	99.435	2501.716
18	P17	97.850	559.082	38	P37	100.100	1217.602	58	P57	99.275	1876.122	78	P77	98.800	2534.642
19	P18	98.080	592.008	39	P38	100.200	1250.528	59	P58	99.275	1909.048	79	P78	99.000	2567.568
20	P19	98.000	624.934	40	P39	100.160	1283.454	60	P59	99.000	1941.974	80	P79	97.000	2600.494

**HYDRAULIC DATA**

1. DISCHARGE	39843 Cumecs
2. DESIGN DISCHARGE	47572 Cumecs
3. H.F.L.	103.474m
4. L.W.L.	96.250m
5. MINIMUM CLEARANCE REQUIRED	1.8m
6. MINIMUM FREE BOARD REQUIRED	1.0m

**NOTES:-**

- ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METER. ALL DIMENSIONS ARE TO BE READ AND MEASURED.
- FOR ALL OTHER NOTES REFER SHEET NO. 2 OF 4.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT OTHER DRAWINGS.

**IMPORTANT NOTE:-**  
ALL DIMENSIONS, LEVELS AND OTHER DETAILS GIVEN IN THE DRAWING ARE INDICATIVE ONLY.

**DFC LOADING (32.5T AXLE LOADING)**

**CLIENT: DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.**

**NAME OF WORK: PROPOSED NEW SONE BRIDGE OVER RIVER SONE BETWEEN SONNAGAR AND DEHRI-ON-SONE STATION (93x30.726m C/C OF BEARING PSC BOX GIRDER)**

**GENERAL ARRANGEMENT OF BRIDGE**

SCALE	DRG. NO.	RTES/RCD/DFCCIL-SONE BRIDGE/GA
	SH. NO.	1 OF 4
	DATE	APRIL-2013
	REV.	RD

**RTES**  
THE INFRASTRUCTURE PEOPLE

(D.S. NEGI) J.G.M./DESIGN/RTES	(JITENDERA SINGH) A.G.M./CIVIL/RTES	(ANIL KHANNA) G.M./DESIGN/RTES	A.M./MGS/DFCC	C.P.H./MGS/DFCC
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