

HATHI CHOWK TO GUA (GUA LINK) ROAD (KM. 0.0 TO 6.865) LEFT SIDE BEARINGS

SL.NO	Easting	Northing	Chainage	FORWARD		BEARING	BACKWARD		BEARING
				D	M	S	D	M	S
1	323650.34	2452018	0.000						
2	323637.495	2452038.85	25.000	346	57	33.644	166	57	37.775
3	323631.854	2452067.21	50.000	346	57	20.653	166	57	33.644
4	323628.035	2452087.78	75.000	0	0	0	180	0	0
5	323628.296	2452112.77	100.000	3	42	47.342	183	42	23.261
6	323633.564	2452212.61	200.000	0	59	32.721	180	59	34.436
7	323634.431	2452262.6	250.000	0	59	33.621	180	59	40.97
8	323635.306	2452312.59	300.000	1	0	38.716	181	0	50.47
9	323636.189	2452362.59	350.000	1	0	49.287	181	0	46.965
10	323662.532	2452390.94	400.000	83	47	52.452	263	48	16.432
11	323707.849	2452372.58	450.000	122	5	53.441	302	6	4.112
12	323748.082	2452343.08	500.000	129	46	35.433	309	46	40.76
13	323791.393	2452318.14	550.000	119	37	31.743	299	37	29.714
14	323839.899	2452308.18	600.000	91	36	40.957	271	36	47.001
15	323889.853	2452306.28	650.000	94	32	0.706	274	32	3.599
16	323939.163	2452307.38	700.000	72	54	52.511	252	54	46.7
17	323972.166	2452341.23	750.000	30	58	50.455	210	58	43.292
18	323989.949	2452387.72	800.000	9	8	41.178	188	56	43.375
19	323981.122	2452435.84	850.000	335	40	31.109	155	40	20.905
20	323952.443	2452476	900.000	301	12	50.855	121	12	41.37
21	323869.077	2452529.45	1000.000	348	3	13.046	168	3	9.957
22	323858.727	2452578.36	1050.000	348	3	4.974	168	3	11.338
23	323835.533	2452619	1100.000	284	54	0.471	104	59	42.285
24	323785.572	2452618.02	1150.000	270	44	33.363	90	44	30.426
25	323736.929	2452622.37	1200.000	314	58	9.824	134	58	31.474
26	323733.967	2452668.38	1250.000	20	9	19.131	200	9	19.938
27	323757.077	2452712.61	1300.000	17	15	28.487	197	15	28.094
28	323766.857	2452760.76	1350.000	351	52	32.634	171	52	47.021
29	323753.301	2452808.07	1400.000	330	55	19.282	150	55	14.046
30	323729.001	2452851.77	1450.000	330	55	8.076	150	55	15.272
31	323693.128	2452885.94	1500.000	310	9	57.182	130	9	47.808
32	323683.767	2452922.89	1550.000	36	39	41.922	216	39	41.085
33	323722.197	2452952.29	1600.000	66	26	51.075	246	26	40.215
34	323767.323	2452973.73	1650.000	61	52	54.899	241	53	5.735
35	323798.267	2453008.97	1700.000	20	15	40.148	200	15	47.167
36	323807.571	2453057.69	1750.000	5	15	12.084	185	15	3.869
37	323812.148	2453107.48	1800.000	5	15	9.956	185	15	3.869
38	323820.117	2453156.74	1850.000	12	28	36.669	192	28	42.942
39	323830.919	2453205.56	1900.000	12	28	36.669	192	28	34.886
40	323840.557	2453254.61	1950.000	9	40	9.015	189	40	8.14
41	323851.561	2453303.3	2000.000	16	7	44.143	196	7	37.864
42	323866.901	2453350.87	2050.000	19	44	51.2	199	44	55.421
43	323883.795	2453397.93	2100.000	19	44	57.372	199	44	51.2
44	323910.259	2453440.09	2150.000	34	26	1.697	214	26	8.502
45	323938.532	2453481.33	2200.000	34	26	9.001	214	26	8.502
46	323932.16	2453526.45	2250.000	324	39	43.691	144	41	23.625
47	323903.239	2453567.24	2300.000	324	39	45.473	144	39	32.189
48	323880.686	2453611.51	2350.000	337	56	31.784	157	56	35.653
49	323861.878	2453657.84	2400.000	337	52	7.195	157	52	19.819
50	323853.064	2453706.63	2450.000	4	42	28.268	184	35	9.956
51	323870.204	2453753.47	2500.000	30	58	24.898	210	57	55.852

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52	323895.936	2453796.34	2550.000	30	58	24.898	210	58	24.898
53	323922.193	2453838.87	2600.000	34	20	6.895	214	19	56.592
54	323950.395	2453880.16	2650.000	34	20	0.082	214	20	6.895
55	323978.596	2453921.45	2700.000	34	20	0.082	214	20	6.895
56	324008.861	2453961.13	2750.000	41	16	41.521	221	16	33.072
57	324041.846	2453998.71	2800.000	41	16	36.078	221	16	35.32
58	324074.55	2454036.51	2850.000	36	53	52.287	216	53	30.082
59	324104.57	2454076.5	2900.000	36	53	50.643	216	53	52.287
60	324134.145	2454116.81	2950.000	35	33	53.467	215	33	52.987
61	324168.223	2454133.65	3000.000	128	37	57.381	308	37	48.583
62	324207.281	2454102.43	3050.000	128	37	55.749	308	37	57.381
63	324232.805	2454059.54	3100.000	139	59	4.639	320	1	44.665
64	324264.955	2454021.25	3150.000	139	59	34.107	319	59	4.639
65	324308.834	2453997.95	3200.000	115	53	7.223	295	52	56.702
66	324358.172	2453994.9	3250.000	90	0	0	270	0	0
67	324402.361	2454017.33	3300.000	60	40	28.43	240	39	59.281
68	324442.755	2454046.75	3350.000	53	22	14.676	233	22	14.676
69	324485.201	2454072.75	3400.000	64	13	38.122	244	13	33.649
70	324530.227	2454094.49	3450.000	64	13	39.111	244	13	38.122
71	324571.956	2454121.67	3500.000	53	21	15.259	233	21	10.335
72	324611.061	2454152.49	3550.000	34	46	19.11	214	46	8.886
73	324639.576	2454193.56	3600.000	34	46	12.333	214	46	12.333
74	324668.124	2454234.61	3650.000	35	45	11.584	215	45	16.791
75	324697.339	2454275.19	3700.000	35	45	18.279	215	45	18.279
76	324724.942	2454316.65	3750.000	21	40	23.92	201	40	51.327
77	324743.409	2454363.11	3800.000	21	40	34.635	201	40	34.635
78	324763.233	2454408.9	3850.000	31	44	26.983	211	44	26.551
79	324789.537	2454451.42	3900.000	31	44	31.324	211	44	26.983
80	324811.333	2454496.07	3950.000	18	52	16.502	198	52	14.283
81	324827.505	2454543.38	4000.000	18	52	6.026	198	52	16.502
82	324844.866	2454590.08	4050.000	36	3	19.24	216	2	42.741
83	324874.294	2454630.5	4100.000	36	3	14.384	216	3	19.24
84	324903.722	2454670.92	4150.000	36	3	19.24	216	3	19.24
85	324933.15	2454711.35	4200.000	36	3	19.24	216	3	14.384
86	324962.578	2454751.77	4250.000	36	3	21.459	216	3	14.384
87	324988.888	2454794.2	4300.000	29	32	15.549	209	32	8.37
88	325013.62	2454837.85	4350.169	7	45	29.158	209	27	0.705
89	325020.346	2454887.22	4400.000	7	45	44.718	187	45	23.012
90	325026.741	2454936.81	4450.000	7	17	46.112	187	17	47.16
91	325033.091	2454986.41	4500.000	7	17	47.16	187	17	46.112
92	325039.135	2455036.04	4550.000	5	43	56.127	185	43	49.113
93	325044.128	2455085.79	4600.000	5	43	56.127	185	43	47.918
94	325049.121	2455135.54	4650.000	5	43	56.127	185	43	47.918
95	325054.115	2455185.29	4700.000	5	43	47.918	185	43	56.127
96	325059.108	2455235.04	4750.000	5	43	54.915	185	43	56.127
97	325060.87	2455284.92	4800.000	358	52	4.086	178	52	4.738
98	325059.882	2455334.91	4850.000	358	52	12.172	178	52	3.923
99	325058.895	2455384.9	4900.000	358	52	3.923	178	52	3.923
100	325057.907	2455434.89	4950.000	358	52	3.502	178	52	3.923
101	325053.932	2455484.67	5000.000	353	7	50.988	173	7	43.784
102	325045.165	2455533.25	5050.000	325	11	44.066	145	11	25.489
103	325020.694	2455576.63	5100.000	335	21	29.096	155	21	14.536
104	325018.271	2455625.75	5150.000	2	4	28.601	182	4	28.302
105	325023.425	2455675.2	5200.000	15	28	35.88	195	28	29.389

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106	325035.495	2455723.66	5250.000	8	53	28.074	188	53	17.377
107	325043.222	2455773.06	5300.000	8	53	24.546	188	53	19.922
108	325041.69	2455822.84	5350.000	355	48	40.855	175	48	40.855
109	325037.835	2455872.67	5400.000	344	16	25.364	164	17	34.968
110	325024.282	2455920.8	5450.000	344	16	28.886	164	16	17.422
111	325007.298	2455967.77	5500.000	338	18	22.552	158	18	14.886
112	324988.816	2456014.23	5550.000	338	18	18.049	158	18	25.602
113	324977.667	2456062.62	5600.000	352	10	35.453	172	10	35.453
114	324974.839	2456112.25	5650.000	4	52	8.694	184	52	13.634
115	324983.88	2456160.35	5700.000	34	43	20.654	214	43	21.417
116	325011.599	2456201.7	5750.000	2	38	44.702	182	38	37.528
117	325013.907	2456251.65	5800.000	2	38	44.321	182	38	44.702
118	325016.43	2456301.58	5850.000	3	13	26.657	183	13	33.863
119	325019.243	2456351.5	5900.000	3	13	26.657	183	13	34.43
120	325031.336	2456396.83	5950.000	49	25	42.727	229	25	33.685
121	325069.527	2456429.1	6000.000	50	30	19.72	230	30	16.618
122	325106.402	2456462.1	6050.000	13	8	46.671	193	8	43.747
123	325108.553	2456510.15	6100.000	337	43	52.707	157	43	56.758
124	325089.928	2456556.54	6150.000	340	51	35.5	160	51	31.9
125	325074.028	2456603.64	6200.000	6	49	24.465	182	13	6.894
126	325074.078	2456604.05	6250.000	11	36	34.64	187	5	6.62
127	325074.278	2456604.85	6300.000	21	6	25.578	196	25	14.843
128	325074.608	2456605.61	6350.000	30	36	23.065	205	56	44.381
129	325075.058	2456606.3	6400.000	40	5	23.06	215	22	37.221
130	325090.129	2456622.79	6450.000	42	27	52.38	222	27	51.779
131	325123.886	2456659.68	6500.000	42	27	46.809	222	27	58.466
132	325157.643	2456696.56	6550.000	42	27	58.534	222	27	58.466
133	325174.678	2456714.86	6600.000	43	10	53.184	223	10	45.321
134	325208.893	2456751.32	6650.000	43	10	53.184	223	10	52.813
135	325243.109	2456787.78	6700.000	43	10	47.167	223	10	53.184
136	325277.324	2456824.24	6750.000	43	10	50.191	223	10	53.184
137	325292.595	2456843.75	6800.000	26	48	36.031	206	48	44.716
138	325309.289	2456876.79	6865.000				206	48	37.293


 12/02/17
 Executive Engineer
 RCD, Road Division
 Munohurpur

HATHI CHOWK TO GUA (GUA LINK) ROAD (KM. 0.0 TO 6.865) RIGHT SIDE BEARINGS

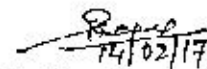
SL.NO	Easting	Northing	Chainage	FORWARD		BEARING	BACKWARD		BEARING
				D	M	S	D	M	S
1	323670.34	2452038	0.000						
2	323657.495	2452058.85	25.000	346	57	33.644	166	57	37.775
3	323651.854	2452083.21	50.000	346	57	20.653	166	57	33.644
4	323648.035	2452107.78	75.000	0	0	0	180	0	0
5	323648.296	2452132.77	100.000	3	42	47.342	183	42	23.261
6	323653.564	2452232.61	200.000	0	59	32.721	180	59	34.436
7	323654.431	2452282.6	250.000	0	59	33.621	180	59	40.97
8	323655.306	2452332.59	300.000	1	0	38.716	181	0	50.47
9	323656.189	2452382.59	350.000	1	0	49.287	181	0	46.965
10	323682.532	2452410.94	400.000	83	47	52.452	263	48	16.432
11	323727.849	2452392.58	450.000	122	5	53.441	302	6	4.112
12	323768.082	2452363.08	500.000	129	46	35.433	309	46	40.76
13	323811.393	2452338.14	550.000	119	37	31.743	299	37	29.714
14	323859.899	2452328.18	600.000	91	36	40.957	271	36	47.001
15	323909.853	2452326.28	650.000	94	32	0.706	274	32	3.599
16	323959.163	2452327.38	700.000	72	54	52.511	252	54	46.7
17	323992.166	2452361.23	750.000	30	58	50.455	210	58	43.292
18	324009.949	2452407.72	800.000	9	8	41.178	188	56	43.375
19	324001.122	2452455.84	850.000	335	40	31.109	155	40	20.905
20	323972.443	2452496	900.000	301	12	50.855	121	12	41.37
21	323889.077	2452549.45	1000.000	348	3	13.046	168	3	9.957
22	323878.727	2452598.36	1050.000	348	3	4.974	168	3	11.338
23	323855.533	2452639	1100.000	284	54	0.471	104	59	42.285
24	323805.572	2452638.02	1150.000	270	44	33.363	90	44	30.426
25	323756.929	2452642.37	1200.000	314	58	9.824	134	58	31.474
26	323753.967	2452688.38	1250.000	20	9	19.131	200	9	19.938
27	323777.077	2452732.61	1300.000	17	15	28.487	197	15	28.094
28	323786.857	2452780.76	1350.000	351	52	32.634	171	52	47.021
29	323773.301	2452828.07	1400.000	330	55	19.282	150	55	14.046
30	323749.001	2452871.77	1450.000	330	55	8.076	150	55	15.272
31	323713.128	2452905.94	1500.000	310	9	57.182	130	9	47.808
32	323703.767	2452942.89	1550.000	36	39	41.922	216	39	41.085
33	323742.197	2452972.29	1600.000	66	26	51.075	246	26	40.215
34	323787.323	2452993.73	1650.000	61	52	54.899	241	53	5.735
35	323818.267	2453028.97	1700.000	20	15	40.148	200	15	47.167
36	323827.571	2453077.69	1750.000	5	15	12.084	185	15	3.869
37	323832.148	2453127.48	1800.000	5	15	9.956	185	15	3.869
38	323840.117	2453176.74	1850.000	12	28	36.669	192	28	42.942
39	323850.919	2453225.56	1900.000	12	28	36.669	192	28	34.886
40	323860.557	2453274.61	1950.000	9	40	9.015	189	40	8.14
41	323871.561	2453323.3	2000.000	16	7	44.143	196	7	37.864
42	323886.901	2453370.87	2050.000	19	44	51.2	199	44	55.421
43	323903.795	2453417.93	2100.000	19	44	57.372	199	44	51.2
44	323930.259	2453460.09	2150.000	34	26	1.697	214	26	8.502
45	323958.532	2453501.33	2200.000	34	26	9.001	214	26	8.502
46	323952.16	2453546.45	2250.000	324	39	43.691	144	41	23.625
47	323923.239	2453587.24	2300.000	324	39	45.473	144	39	32.189
48	323900.686	2453631.51	2350.000	337	56	31.784	157	56	35.653
49	323881.878	2453677.84	2400.000	337	52	7.195	157	52	19.819
50	323873.064	2453726.63	2450.000	4	42	28.268	184	35	9.956
51	323890.204	2453773.47	2500.000	30	58	24.898	210	57	55.852

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52	323915.936	2453816.34	2550.000	30	58	24.898	210	58	24.898
53	323942.193	2453858.87	2600.000	34	20	6.895	214	19	56.592
54	323970.395	2453900.16	2650.000	34	20	0.082	214	20	6.895
55	323998.596	2453941.45	2700.000	34	20	0.082	214	20	6.895
56	324028.861	2453981.13	2750.000	41	16	41.521	221	16	33.072
57	324061.846	2454018.71	2800.000	41	16	36.078	221	16	35.32
58	324094.55	2454056.51	2850.000	36	53	52.287	216	53	30.082
59	324124.57	2454096.5	2900.000	36	53	50.643	216	53	52.287
60	324154.145	2454136.81	2950.000	35	33	53.467	215	33	52.987
61	324188.223	2454153.65	3000.000	128	37	57.381	308	37	48.583
62	324227.281	2454122.43	3050.000	128	37	55.749	308	37	57.381
63	324252.805	2454079.54	3100.000	139	59	4.639	320	1	44.665
64	324284.955	2454041.25	3150.000	139	59	34.107	319	59	4.639
65	324328.834	2454017.95	3200.000	115	53	7.223	295	52	56.702
66	324378.172	2454014.9	3250.000	90	0	0	270	0	0
67	324422.361	2454037.33	3300.000	60	40	28.43	240	39	59.281
68	324462.755	2454066.75	3350.000	53	22	14.676	233	22	14.676
69	324505.201	2454092.75	3400.000	64	13	38.122	244	13	33.649
70	324550.227	2454114.49	3450.000	64	13	39.111	244	13	38.122
71	324591.956	2454141.67	3500.000	53	21	15.259	233	21	10.335
72	324631.061	2454172.49	3550.000	34	46	19.11	214	46	8.886
73	324659.576	2454213.56	3600.000	34	46	12.333	214	46	12.333
74	324688.124	2454254.61	3650.000	35	45	11.584	215	45	16.791
75	324717.339	2454295.19	3700.000	35	45	18.279	215	45	18.279
76	324744.942	2454336.65	3750.000	21	40	23.92	201	40	51.327
77	324763.409	2454383.11	3800.000	21	40	34.635	201	40	34.635
78	324783.233	2454428.9	3850.000	31	44	26.983	211	44	26.551
79	324809.537	2454471.42	3900.000	31	44	31.324	211	44	26.983
80	324831.333	2454516.07	3950.000	18	52	16.502	198	52	14.283
81	324847.505	2454563.38	4000.000	18	52	6.026	198	52	16.502
82	324864.866	2454610.08	4050.000	36	3	19.24	216	2	42.741
83	324894.294	2454650.5	4100.000	36	3	14.384	216	3	19.24
84	324923.722	2454690.92	4150.000	36	3	19.24	216	3	19.24
85	324953.15	2454731.35	4200.000	36	3	19.24	216	3	14.384
86	324982.578	2454771.77	4250.000	36	3	21.459	216	3	14.384
87	325008.888	2454814.2	4300.000	29	32	15.549	209	32	8.37
88	325033.62	2454857.85	4350.169	7	45	29.158	209	27	0.705
89	325040.346	2454907.22	4400.000	7	45	44.718	187	45	23.012
90	325046.741	2454956.81	4450.000	7	17	46.112	187	17	47.16
91	325053.091	2455006.41	4500.000	7	17	47.16	187	17	46.112
92	325059.135	2455056.04	4550.000	5	43	56.127	185	43	49.113
93	325064.128	2455105.79	4600.000	5	43	56.127	185	43	47.918
94	325069.121	2455155.54	4650.000	5	43	56.127	185	43	47.918
95	325074.115	2455205.29	4700.000	5	43	47.918	185	43	56.127
96	325079.108	2455255.04	4750.000	5	43	54.915	185	43	56.127
97	325080.87	2455304.92	4800.000	358	52	4.086	178	52	4.738
98	325079.882	2455354.91	4850.000	358	52	12.172	178	52	3.923
99	325078.895	2455404.9	4900.000	358	52	3.923	178	52	3.923
100	325077.907	2455454.89	4950.000	358	52	3.502	178	52	3.923
101	325073.932	2455504.67	5000.000	353	7	50.988	173	7	43.784
102	325065.165	2455553.25	5050.000	325	11	44.066	145	11	25.489
103	325040.694	2455596.63	5100.000	335	21	29.096	155	21	14.536
104	325038.271	2455645.75	5150.000	2	4	28.601	182	4	28.302
105	325043.425	2455695.2	5200.000	15	28	35.88	195	28	29.389

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106	325055.495	2455743.66	5250.000	8	53	28.074	188	53	17.377
107	325063.222	2455793.06	5300.000	8	53	24.546	188	53	19.922
108	325061.69	2455842.84	5350.000	355	48	40.855	175	48	40.855
109	325057.835	2455892.67	5400.000	344	16	25.364	164	17	34.968
110	325044.282	2455940.8	5450.000	344	16	28.886	164	16	17.422
111	325027.298	2455987.77	5500.000	338	18	22.552	158	18	14.886
112	325008.816	2456034.23	5550.000	338	18	18.049	158	18	25.602
113	324997.667	2456082.62	5600.000	352	10	35.453	172	10	35.453
114	324994.839	2456132.25	5650.000	4	52	8.694	184	52	13.634
115	325003.88	2456180.35	5700.000	34	43	20.654	214	43	21.417
116	325031.599	2456221.7	5750.000	2	38	44.702	182	38	37.528
117	325033.907	2456271.65	5800.000	2	38	44.321	182	38	44.702
118	325036.43	2456321.58	5850.000	3	13	26.657	183	13	33.863
119	325039.243	2456371.5	5900.000	3	13	26.657	183	13	34.43
120	325051.336	2456416.83	5950.000	49	25	42.727	229	25	33.685
121	325089.527	2456449.1	6000.000	50	30	19.72	230	30	16.618
122	325126.402	2456482.1	6050.000	13	8	46.671	193	8	43.747
123	325128.553	2456530.15	6100.000	337	43	52.707	157	43	56.758
124	325109.928	2456576.54	6150.000	340	51	35.5	160	51	31.9
125	325094.028	2456623.64	6200.000	6	49	24.465	182	13	6.894
126	325094.078	2456624.05	6250.000	11	36	34.64	187	5	6.62
127	325094.278	2456624.85	6300.000	21	6	25.578	196	25	14.843
128	325094.608	2456625.61	6350.000	30	36	23.065	205	56	44.381
129	325095.058	2456626.3	6400.000	40	5	23.06	215	22	37.221
130	325110.129	2456642.79	6450.000	42	27	52.38	222	27	51.779
131	325143.886	2456679.68	6500.000	42	27	46.809	222	27	58.466
132	325177.643	2456716.56	6550.000	42	27	58.534	222	27	58.466
133	325194.678	2456734.86	6600.000	43	10	53.184	223	10	45.321
134	325228.893	2456771.32	6650.000	43	10	53.184	223	10	52.813
135	325263.109	2456807.78	6700.000	43	10	47.167	223	10	53.184
136	325297.324	2456844.24	6750.000	43	10	50.191	223	10	53.184
137	325312.595	2456863.75	6800.000	26	48	36.031	206	48	44.716
138	325329.289	2456896.79	6865.000				206	48	37.293


 14/02/17
 Executive Engineer
 RCD, Road Division
 Manoharpur