

ALIGNMENT REPORTS

HORIZONTAL ALIGNMENT REPORT

Table with 15 columns: SR.NO., Intersection Point Chalmage, Intersection Point X, Intersection Point Y, Arc Start Chalmage, Arc End Chalmage, Arc Length (m), Radius (m), Hand of Arc, Transition Start Chalmage, Transition End Chalmage, Transition Length (m), Speed (km/hr), Superelevation (%), Extra Widening (m). Rows 1-96.

REVIEWED AND CONCURRED INMIPPL-AIP/LOASIS/NG-DK/AE/66 DATE: 24/3/22 SIGN: Rommel R.



Revision table with columns: REV, DATE, DESCRIPTION, A, B, C, D.



PROJECT: Balance Work For Four Lanes divided Project Highway of Existing Damay - Kahu Road on EPC basis...

DRAWING TITLE: HORIZONTAL ALIGNMENT REPORT

Table with columns: DRG. NO., DATE, REV. NO., DESIGNED, DRAWN, CHECKED, APPROVED.

SCALE: AS SHOWN PAPER SIZE: A3

$$K = \frac{L}{A}$$

Check drainage of Culvert

Design speed Min Curve length 4.472

30	18
40	24
50	30
60	36
70	42
80	48
90	54

VERTICAL ALIGNMENT REPORT

Sr.No.	Intersection Point Chainage	Intersection Point Level	Curve Start Gradient	Curve End Gradient	Curve length	K Value	Curve Type	Curve Start Chainage	Curve Start Level	Curve End Chainage	Curve End Level
1	152+357.230	922.373	0.277	-1.187	100	68.311	Hog	152+307.230	922.237	152+407.230	921.783
2	152+533.596	920.283	-1.187	1.152	60	25.656	Sag	152+503.596	920.639	152+563.596	920.628
3	152+697.775	922.174	1.152	0.451	60	85.569	Hog	152+667.775	921.828	152+727.775	922.309
4	152+957.293	923.343	0.451	2.130	60	35.723	Sag	152+927.293	923.208	152+987.293	923.982
5	153+105.959	926.510	2.130	0.901	60	48.832	Hog	153+075.959	925.871	153+135.959	926.780
6	153+465.937	929.755	0.901	5.373	100	22.364	Sag	153+415.937	929.304	153+515.937	932.441
7	153+781.404	946.705	5.373	-2.263	320	41.505	Hog	153+621.404	938.108	153+941.404	943.084
8	154+265.285	935.753	-2.263	-3.527	60	47.496	Hog	154+235.285	936.432	154+295.285	934.695
9	154+492.707	927.733	-3.527	-1.475	60	29.251	Sag	154+462.707	928.791	154+522.707	927.290
10	154+632.683	925.667	-1.475	-3.342	60	32.141	Hog	154+602.683	926.110	154+662.683	924.665
11	154+810.993	919.708	-3.342	2.824	150	24.327	Sag	154+735.993	922.215	154+885.993	921.826
12	155+097.663	927.803	2.824	0.008	100	35.514	Hog	155+047.661	926.391	155+147.665	927.807
13	155+380.720	927.825	0.008	7.230	100	22.153	Sag	155+300.720	927.818	155+460.720	933.009
14	155+836.711	960.794	7.230	5.025	500	226.734	Hog	155+586.711	942.718	156+086.711	973.357
15	156+304.245	984.288	5.025	-2.661	240	31.225	Hog	156+184.245	978.258	156+424.245	981.095
16	156+510.986	978.787	-2.661	1.262	75	19.117	Sag	156+473.486	979.785	156+548.486	979.260
17	156+656.300	980.621	1.262	-3.891	140	27.169	Hog	156+586.300	979.738	156+726.300	977.898
18	156+761.066	976.545	-3.891	-1.536	60	25.479	Sag	156+731.066	977.712	156+791.066	976.084
19	156+978.308	973.208	-1.536	-2.023	160	328.583	Hog	156+898.308	974.437	157+058.308	971.590
20	157+118.964	970.363	-2.023	1.984	80	19.965	Sag	157+078.964	971.172	157+158.964	971.157
21	157+391.118	975.763	1.984	6.826	100	20.653	Sag	157+341.118	974.771	157+441.118	979.176
22	157+695.872	996.565	6.826	-3.840	280	26.253	Hog	157+555.872	987.009	157+835.872	991.190
23	158+041.000	983.314	-3.840	-2.608	40	32.471	Sag	158+021.000	984.082	158+061.000	982.793
24	158+309.659	976.309	-2.608	3.237	110	18.821	Sag	158+254.659	977.743	158+364.659	978.089
25	158+564.023	984.542	3.237	-5.940	170	18.524	Hog	158+479.023	981.791	158+649.023	979.493
26	158+791.503	971.029	-5.940	-3.007	70	23.863	Sag	158+756.503	973.108	158+826.503	969.977
27	158+965.444	965.799	-3.007	-6.891	200	51.495	Hog	158+865.444	968.806	159+065.444	958.908
28	159+421.304	934.387	-6.891	-0.136	140	20.727	Sag	159+351.304	939.210	159+491.304	934.291
29	159+560.472	934.197	-0.136	-2.350	80	36.143	Hog	159+520.472	934.252	159+600.472	933.257
30	159+697.035	930.988	-2.350	4.658	150	21.404	Sag	159+622.035	932.750	159+772.035	934.482
31	159+825.045	936.951	4.658	1.058	60	16.666	Hog	159+795.045	935.554	159+855.045	937.269
32	159+953.688	938.312	1.058	1.580	60	114.961	Sag	159+923.688	937.995	159+983.688	938.786
33	160+048.354	939.808	1.580	5.310	60	16.084	Sag	160+018.354	939.334	160+078.354	941.401
34	160+133.208	944.314	5.310	3.300	60	29.844	Hog	160+103.208	942.721	160+163.208	945.304
35	160+287.997	949.422	3.300	4.880	60	37.969	Sag	160+257.997	948.432	160+317.997	950.886
36	160+506.449	960.083	4.880	-0.060	180	36.432	Hog	160+416.449	955.691	160+596.449	960.029
37	160+634.230	960.006	-0.060	6.430	65	10.014	Sag	160+601.730	960.026	160+666.730	962.096
38	160+732.094	966.299	6.430	-1.005	90	12.104	Hog	160+687.094	963.405	160+777.094	965.847
39	160+810.193	965.514	-1.005	3.644	50	10.755	Sag	160+785.193	965.765	160+835.193	966.425
40	160+928.065	969.809	3.644	-0.492	100	24.177	Hog	160+878.065	967.987	160+978.065	969.563
41	161+281.105	968.071	-0.492	3.739	80	18.905	Sag	161+241.105	968.268	161+321.105	969.567
42	161+661.136	982.282	3.739	-0.247	150	37.631	Hog	161+586.136	979.478	161+736.136	982.097
43	161+874.068	981.757	-0.247	-6.009	170	29.500	Hog	161+789.068	981.967	161+959.068	976.649
44	162+052.439	971.038	-6.009	-0.212	110	19.307	Sag	161+997.439	974.343	162+107.439	970.867
45	162+280.225	970.328	-0.312	-0.993	60	88.123	Hog	162+250.225	970.421	162+310.225	970.030
46	162+383.106	969.307	-0.993	1.456	60	24.499	Sag	162+353.106	969.604	162+413.106	969.744
47	162+507.952	971.125	1.456	3.198	70	40.204	Sag	162+472.952	970.615	162+542.952	972.244
48	162+677.749	976.554	3.198	0.038	140	44.313	Hog	162+607.749	974.316	162+747.749	976.581
49	162+871.537	976.629	0.038	2.715	85	31.756	Sag	162+829.037	976.612	162+914.037	977.782
50	163+119.762	983.368	2.715	0.186	120	47.456	Hog	163+059.762	981.739	163+179.762	983.479
51	163+275.512	983.658	0.186	1.379	60	50.295	Sag	163+245.512	983.602	163+305.512	984.072
52	163+428.631	985.770	1.379	-0.528	100	52.422	Hog	163+378.631	985.080	163+478.631	985.505
53	163+572.864	985.008	-0.528	-2.676	60	27.940	Hog	163+542.864	985.166	163+602.864	984.205
54	163+680.591	982.125	-2.676	1.305	85	21.351	Sag	163+638.091	983.262	163+723.091	982.680
55	163+768.234	983.269	1.305	-3.503	75	15.597	Hog	163+730.734	982.780	163+805.734	981.955
56	163+854.384	980.251	-3.503	2.614	60	9.809	Sag	163+824.384	981.302	163+884.384	981.035
57	163+956.663	982.924	2.614	-0.109	75	27.760	Hog	163+918.874	981.937	163+994.451	982.883
58	164+195.798	982.664	-0.109	1.604	30	17.521	Sag	164+180.798	982.681	164+210.798	982.905
59	164+245.674	983.464	1.604	-0.869	60	24.268	Hog	164+215.674	982.983	164+275.674	983.203
60	164+301.939	982.975	-0.869	1.710	50	19.385	Sag	164+276.939	983.192	164+326.939	983.403
61	164+433.304	985.222	1.710	-0.079	80	44.715	Hog	164+393.304	984.538	164+473.304	985.191
62	164+689.340	985.020	-0.079	0.114	100	517.627	Sag	164+639.340	985.060	164+739.340	985.078
63	164+800.884	985.148	0.114	1.660	30	19.416	Sag	164+785.884	985.131	164+815.884	985.397
64	164+863.487	986.187	1.660	-0.115	60	33.802	Hog	164+833.487	985.689	164+893.487	986.152
65	164+927.109	986.114	-0.115	0.354	60	127.818	Sag	164+897.109	986.148	164+957.109	986.220
66	165+038.366	986.507	0.354	0.746	60	152.929	Sag	165+008.366	986.401	165+068.366	986.731
67	165+202.767	987.734	0.746	5.005	120	28.177	Sag	165+142.767	987.286	165+262.767	990.737
68	165+383.183	996.764	5.005	0.799	115	27.343	Hog	165+325.683	993.886	165+440.683	997.223
69	165+532.265	997.955	0.799	5.377	80	17.476	Sag	165+492.265	997.636	165+572.265	1000.106
70	165+739.812	1009.115	5.377	3.123	160	70.993	Hog	165+659.812	1004.813	165+819.812	1011.613
71	165+949.697	1015.670	3.123	5.540	90	37.238	Sag	165+904.697	1014.264	165+994.697	1018.163
72	166+176.003	1028.207	5.540	2.875	130	48.782	Hog	166+111.003	1024.606	166+241.003	1030.076
73	166+373.457	1033.884	2.875	3.055	60	332.666	Sag	166+343.457	1033.022	166+403.457	1034.801
74	166+506.448	1037.948	3.055	5.831	40	14.413	Sag	166+486.448	1037.337	166+526.448	1039.114
75	166+599.784	1043.390	5.831	4.683	100	87.137	Hog	166+549.784	1040.475	166+649.784	1045.732

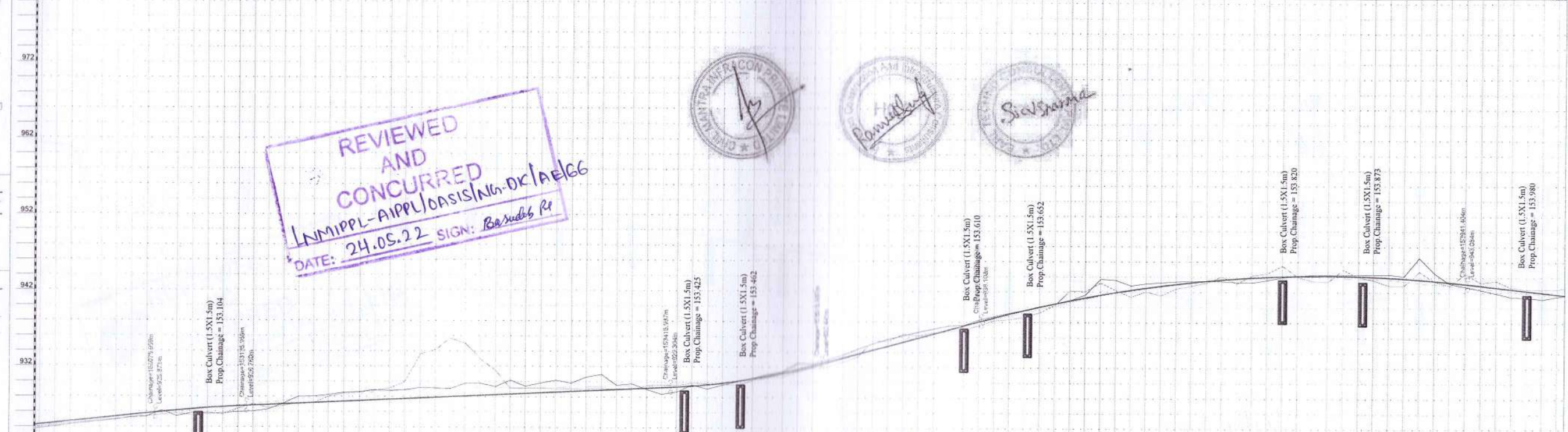
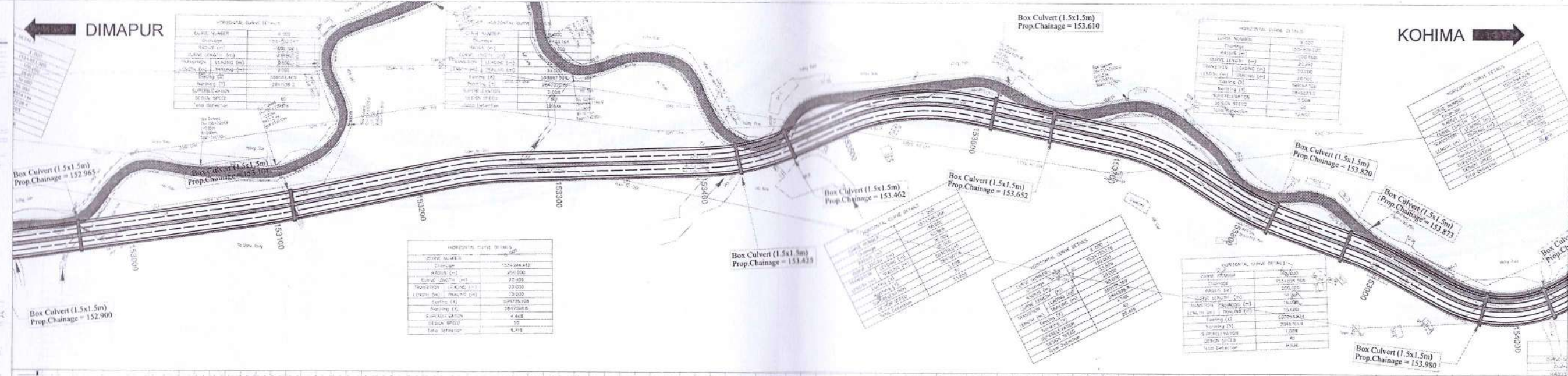
REVIEWED AND CONCURRED
 LNMIPPL-APPL/OASIS/NG-DK/AE/EG
 DATE: 24.05.22 SIGN: Rasubb R



<table border="1"> <tr><td>NO.</td><td>MAY 2022</td><td>ALIGNMENT REPORT</td></tr> <tr><td>REV.</td><td>DATE</td><td>DESCRIPTION</td></tr> <tr><td>A</td><td></td><td></td></tr> <tr><td>B</td><td></td><td></td></tr> <tr><td>C</td><td></td><td></td></tr> <tr><td>D</td><td></td><td></td></tr> </table>	NO.	MAY 2022	ALIGNMENT REPORT	REV.	DATE	DESCRIPTION	A			B			C			D			<p>CLIENT</p> <p>NATIONAL HIGHWAY AND TRANSPORT DEVELOPMENT CORPORATION LTD.</p>	<p>AUTHORITY</p> <p>MINISTRY OF ROAD TRANSPORT AND HIGHWAYS GOVERNMENT OF INDIA</p>	<p>CONTRACTOR</p> <p>GSES PROJECTS LIMITED</p>	<p>PROOF CONSULTANT</p> <p>HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS</p>	<p>DESIGN CONSULTANT</p> <p>M&M CONSULTANTS PVT. LTD.</p>	<p>SAFETY CONSULTANT</p> <p>EARL TECHNO CONSULTANTS PVT. LTD.</p>	<p>PROJECT</p> <p>Balance Work For Four Lining divided Project Highway of Existing Durgam - Kohima Road on EPC basis starts from chainage 152+450 to km. 166+788 (Design length 14.210 Km) (Existing km. 156.000 to km. 172.000, Length 16.000 Km) of NH-39 (New No. is 191 - 29) in the state of Nagaland.</p>	<p>DRAWING TITLE</p> <p>HORIZONTAL ALIGNMENT REPORT</p>	<p>DRG. NO. CIPLD1096/HW/DWG/AR/HAR/02</p> <p>DATE: MAY 2022 REV: R0</p> <table border="1"> <tr><td>DESIGNED</td><td>DRAWN</td><td>CHECKED</td><td>APPROVED</td></tr> <tr><td>MS</td><td>VK</td><td>AK</td><td>SM</td></tr> </table>	DESIGNED	DRAWN	CHECKED	APPROVED	MS	VK	AK	SM
NO.	MAY 2022	ALIGNMENT REPORT																																	
REV.	DATE	DESCRIPTION																																	
A																																			
B																																			
C																																			
D																																			
DESIGNED	DRAWN	CHECKED	APPROVED																																
MS	VK	AK	SM																																

PLAN AND PROFILE

- LEGEND:**
- PLAN
 - EXISTING
 - CARRIAGE WAY LEFT
 - CARRIAGE WAY RIGHT
 - PUCCA ROAD
 - KACHA ROAD
 - BRICK ROAD
 - ELECTRIC POST
 - TELEPHONE POST
 - TRANSFORMER
 - TREES
 - PALM TREE
 - NALA
 - DRAIN
 - FENCE LINE
 - ELECTRIC LINE 440V
 - ELECTRIC LINE 11KV
 - GPS TRAVERSE STATION
 - TRAVERSE STATION
 - SUB TRAVERSE STATION
 - KILOMETRE POST
 - OPTICAL FIBER CABLE PILLAR
 - TBM
 - WATER TAP
 - TUBE WELL
 - SHOULDER LEFT / RIGHT
 - HILL LINE
 - VALLEY LINE
 - WALL / BOUNDARY WALL
 - PUCCA BUILDING
 - SEMI PUCCA BUILDING
 - KACHA HOUSE / TEMPORARY HUT
 - CL / VER / BRIDGE
 - RAIN CUT
 - WATER PIPE LINE
 - BOUNDARY WALL
 - RELIGIOUS STRUCTURE
 - RIVER EDGE
 - PASSENGER SHED
 - PLANTATION
 - FLAT FORM
 - TEA GARDEN
 - FOND
 - DITCH
 - FOREST BOUNDARY
 - BANYAN TREE / PIPE TREE
 - EMBANKMENT
 - FOOTPATH
 - GATE
 - PUCCA WELL
 - HUT COMMERCIAL / RESIDENTIAL
 - SEMI PERM. RESIDENTIAL
 - PERMANENT RESIDENTIAL
 - UNDER CONSTRUCTION
 - SEMI PERM. COMMERCIAL
 - PERMANENT COMMERCIAL



REVIEWED AND CONCURRED
 INMIPPL-APPL/OASIS/KM-DK/AE/CG
 DATE: 24.05.22 SIGN: Ba Subbs Rf



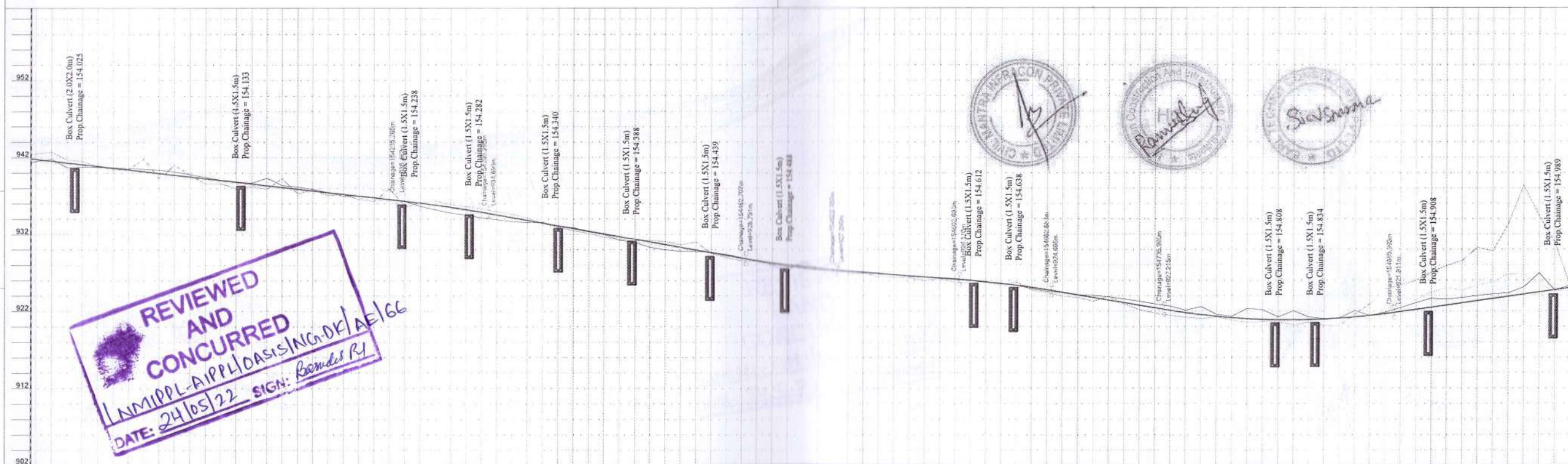
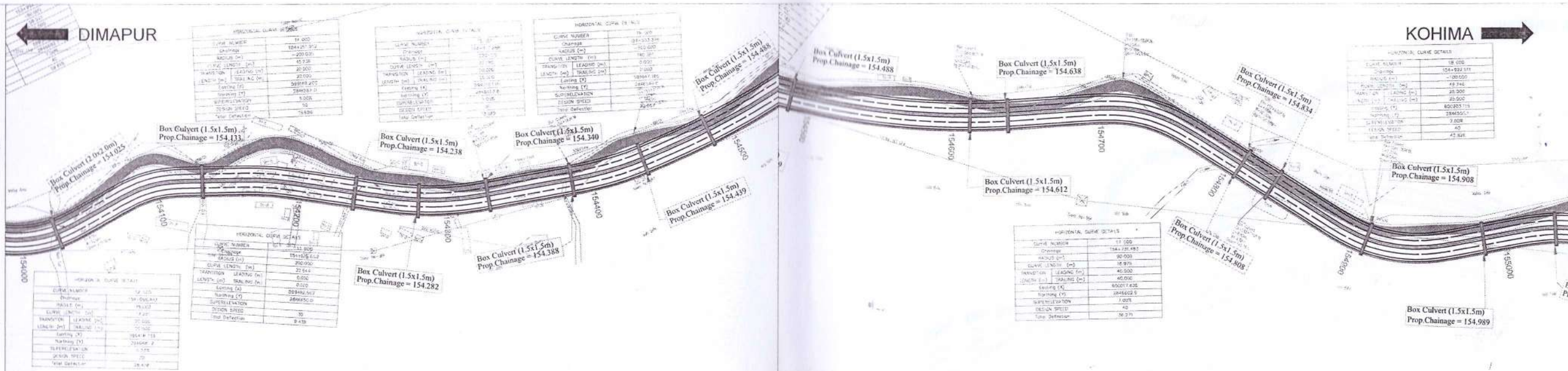
CHAINAGE	FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m. LHS OFFSET FROM CL	LEVEL AT 10m. RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation
153000	924.253	924.126	923.746	924.126	5.599m R=800.000m L=47.114m	G=2.130 L=88.666m	Q=2.500Q=2.500
153010	924.191	923.983	923.606	924.191			
153020	924.144	923.884	923.507	924.144	L=89.405m	G=0.991 L=279.978m	Q=4.400
153030	924.097	923.785	923.408	924.097			
153040	924.050	923.686	923.309	924.050	L=113.691m	R=2236.373m L=100.000m	Q=2.500
153050	924.003	923.587	923.210	924.003			
153060	923.956	923.488	923.111	923.956	L=79.955m	G=5.373 L=105.467m	Q=5.000
153070	923.909	923.389	923.012	923.909			
153080	923.862	923.290	922.913	923.862	L=320.000m R=4190.483m	Q=2.500	Q=4.74
153090	923.815	923.191	922.814	923.815			
153100	923.768	923.092	922.715	923.768	L=58.521m	Q=5.000	Q=2.500
153110	923.721	923.000	922.623	923.721			
153120	923.674	922.901	922.524	923.674	Q=3.560	Q=5.000	Q=2.500
153130	923.627	922.802	922.425	923.627			
153140	923.580	922.703	922.326	923.580	Q=5.000	Q=4.74	Q=2.500
153150	923.533	922.604	922.227	923.533			
153160	923.486	922.505	922.128	923.486	Q=5.000	Q=4.74	Q=2.500
153170	923.439	922.406	922.029	923.439			
153180	923.392	922.307	921.930	923.392	Q=5.000	Q=4.74	Q=2.500
153190	923.345	922.208	921.831	923.345			
153200	923.298	922.109	921.732	923.298	Q=5.000	Q=4.74	Q=2.500
153210	923.251	922.010	921.633	923.251			
153220	923.204	921.911	921.534	923.204	Q=5.000	Q=4.74	Q=2.500
153230	923.157	921.812	921.435	923.157			
153240	923.110	921.713	921.336	923.110	Q=5.000	Q=4.74	Q=2.500
153250	923.063	921.614	921.237	923.063			
153260	923.016	921.515	921.138	923.016	Q=5.000	Q=4.74	Q=2.500
153270	922.969	921.416	921.039	922.969			
153280	922.922	921.317	920.940	922.922	Q=5.000	Q=4.74	Q=2.500
153290	922.875	921.218	920.841	922.875			
153300	922.828	921.119	920.742	922.828	Q=5.000	Q=4.74	Q=2.500
153310	922.781	921.020	920.643	922.781			
153320	922.734	920.921	920.544	922.734	Q=5.000	Q=4.74	Q=2.500
153330	922.687	920.822	920.445	922.687			
153340	922.640	920.723	920.346	922.640	Q=5.000	Q=4.74	Q=2.500
153350	922.593	920.624	920.247	922.593			
153360	922.546	920.525	920.148	922.546	Q=5.000	Q=4.74	Q=2.500
153370	922.499	920.426	920.049	922.499			
153380	922.452	920.327	919.950	922.452	Q=5.000	Q=4.74	Q=2.500
153390	922.405	920.228	919.851	922.405			
153400	922.358	920.129	919.752	922.358	Q=5.000	Q=4.74	Q=2.500
153410	922.311	920.030	919.653	922.311			
153420	922.264	919.931	919.554	922.264	Q=5.000	Q=4.74	Q=2.500
153430	922.217	919.832	919.455	922.217			
153440	922.170	919.733	919.356	922.170	Q=5.000	Q=4.74	Q=2.500
153450	922.123	919.634	919.257	922.123			
153460	922.076	919.535	919.158	922.076	Q=5.000	Q=4.74	Q=2.500
153470	922.029	919.436	919.059	922.029			
153480	921.982	919.337	918.960	921.982	Q=5.000	Q=4.74	Q=2.500
153490	921.935	919.238	918.861	921.935			
153500	921.888	919.139	918.762	921.888	Q=5.000	Q=4.74	Q=2.500
153510	921.841	919.040	918.663	921.841			
153520	921.794	918.941	918.564	921.794	Q=5.000	Q=4.74	Q=2.500
153530	921.747	918.842	918.465	921.747			
153540	921.700	918.743	918.366	921.700	Q=5.000	Q=4.74	Q=2.500
153550	921.653	918.644	918.267	921.653			
153560	921.606	918.545	918.168	921.606	Q=5.000	Q=4.74	Q=2.500
153570	921.559	918.446	918.069	921.559			
153580	921.512	918.347	917.970	921.512	Q=5.000	Q=4.74	Q=2.500
153590	921.465	918.248	917.871	921.465			
153600	921.418	918.149	917.772	921.418	Q=5.000	Q=4.74	Q=2.500
153610	921.371	918.050	917.673	921.371			
153620	921.324	917.951	917.574	921.324	Q=5.000	Q=4.74	Q=2.500
153630	921.277	917.852	917.475	921.277			
153640	921.230	917.753	917.376	921.230	Q=5.000	Q=4.74	Q=2.500
153650	921.183	917.654	917.277	921.183			
153660	921.136	917.555	917.178	921.136	Q=5.000	Q=4.74	Q=2.500
153670	921.089	917.456	917.079	921.089			
153680	921.042	917.357	916.980	921.042	Q=5.000	Q=4.74	Q=2.500
153690	920.995	917.258	916.881	920.995			
153700	920.948	917.159	916.782	920.948	Q=5.000	Q=4.74	Q=2.500
153710	920.901	917.060	916.683	920.901			
153720	920.854	916.961	916.584	920.854	Q=5.000	Q=4.74	Q=2.500
153730	920.807	916.862	916.485	920.807			
153740	920.760	916.763	916.386	920.760	Q=5.000	Q=4.74	Q=2.500
153750	920.713	916.664	916.287	920.713			
153760	920.666	916.565	916.188	920.666	Q=5.000	Q=4.74	Q=2.500
153770	920.619	916.466	916.089	920.619			
153780	920.572	916.367	915.990	920.572	Q=5.000	Q=4.74	Q=2.500
153790	920.525	916.268	915.891	920.525			
153800	920.478	916.169	915.792	920.478	Q=5.000	Q=4.74	Q=2.500
153810	920.431	916.070	915.693	920.431			
153820	920.384	915.971	915.594	920.384	Q=5.000	Q=4.74	Q=2.500
153830	920.337	915.872	915.495	920.337			
153840	920.290	915.773	915.396	920.290	Q=5.000	Q=4.74	Q=2.500
153850	920.243	915.674	915.297	920.243			
153860	920.196	915.575	915.198	920.196	Q=5.000	Q=4.74	Q=2.500
153870	920.149	915.476	915.099	920.149			
153880	920.102	915.377	914.999	920.102	Q=5.000	Q=4.74	Q=2.500
153890	920.055	915.278	914.900	920.055			
153900	920.008	915.179	914.801	920.008	Q=5.000	Q=4.74	Q=2.500
153910	919.961	915.080	914.702	919.961			
153920	919.914	914.981	914.603	919.914	Q=5.000	Q=4.74	Q=2.500
153930	919.867	914.882	914.504	919.867			
153940	919.820	914.783	914.405	919.820	Q=5.000	Q=4.74	Q=2.500
153950	919.773	914.684	914.306	919.773			
153960	919.726	914.585	914.207	919.726	Q=5.000	Q=4.74	Q=2.500
153970	919.679	914.486	914.108	919.679			
153980	919.632	914.387	914.009	919.632	Q=5.000	Q=4.74	Q=2.500
153990	919.585	914.288	913.910	919.585			
154000	919.538	914.189	913.811	919.538			

<p>REVISIONS:</p> <table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>01</td> <td>MAY 2022</td> <td>REVISED AS PER SITE</td> </tr> <tr> <td>02</td> <td>APRIL 2022</td> <td>SUBMISSION OF PLAN & PROFILE</td> </tr> </table>	REV	DATE	DESCRIPTION	01	MAY 2022	REVISED AS PER SITE	02	APRIL 2022	SUBMISSION OF PLAN & PROFILE	<p>CLIENT:</p>	<p>AUTHORITY:</p>	<p>CONTRACTOR:</p>	<p>PROOF CONSULTANT:</p>	<p>DESIGN CONSULTANT:</p>	<p>SAFETY CONSULTANT:</p>	<p>PROJECT:</p> <p>Balance Work For Four Laning divided Project Highway of Existing Dimapur - Kohima Road on EPC basis starts from design 152.490 to km. 156.700 (Design Length 14.210 km) (Existing km. 156.000 to km. 172.900 (Length 16.900 km) of NH-39 (New No. is NH - 29) in the State of Nagaland.</p>	<p>DRAWING TITLE:</p> <p>PLAN & PROFILE FROM Km. 153.000 to km. 154.000</p>	<p>DRG. NO. CIPLD/1096/HWDWG/P&P/ 002</p> <p>DATE : MAY 2022</p> <p>REV: R1</p> <table border="1"> <tr> <th>DESIGNED</th> <th>DRAWN</th> <th>CHECKED</th> <th>APPROVED</th> </tr> <tr> <td>MS</td> <td>VK</td> <td>AK</td> <td>SM</td> </tr> </table>	DESIGNED	DRAWN	CHECKED	APPROVED	MS	VK	AK	SM
REV	DATE	DESCRIPTION																								
01	MAY 2022	REVISED AS PER SITE																								
02	APRIL 2022	SUBMISSION OF PLAN & PROFILE																								
DESIGNED	DRAWN	CHECKED	APPROVED																							
MS	VK	AK	SM																							

SCALE: AS SHOWN PAPER SIZE: A3

LEGEND:

- PLAN
- EXISTING CARRIAGE WAY LEFT
- CENTRE/RIGHT
- PUCCA ROAD
- KACHA ROAD
- BRICK ROAD
- ELECTRIC POST
- TELEPHONE POST
- TRANSFORMER
- TREES
- PALM TREE
- NALA
- DRAIN
- FENCE LINE
- ELECTRIC LINE 440V
- ELECTRIC LINE 11KV
- GPS TRAVERSE STATION
- TRAVERSE STATION
- SUB TRAVERSE STATION
- KILOMETRE POST
- OPTICAL FIBER CABLE PILLAR
- TBM
- WATER TAP
- TUBE WELL
- SHOULDER LEFT / RIGHT
- HILL LINE
- VALLEY LINE
- WALL/ BOUNDARY WALL
- PUCCA BUILDING
- SEMI PUCCA BUILDING
- KACHA HOUSE/TEMPORARY HUT
- CULVERT/ BRIDGE
- RAIN CUT
- WATER PIPE LINE
- BOUNDARY WALL
- RELIGIOUS STRUCTURE
- RIVER EDGE
- PASSENGER SHED
- PLANTATION
- PLAT FORM
- TEA GARDEN
- POND
- DITCH
- FOREST BOUNDARY
- BANYAN TREE/ PIPE TREE
- EMBANKMENT
- FOOTPATH
- GATE
- PUCCA WELL
- HUT COMMERCIAL/RESIDENTIAL
- SEMI PERM. RESIDENTIAL
- PERMANENT RESIDENTIAL
- UNDER CONSTRUCTION
- SEMI PERM. COMMERCIAL
- PERMANENT COMMERCIAL



REVIEWED AND CONCURRED
 IN MIPPL-APPL/DAS/ING-DK/AE/166
 DATE: 24/05/22 SIGN: *Bomdoy R*

CHAINAGE	FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m, LHS OFFSET FROM CL	LEVEL AT 10m, RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation
154000	941.757	941.635	942.448	942.448			Q=2.500
154010	941.831	941.709	942.704	942.704			Q=5.330
154020	941.905	941.783	942.960	942.960			Q=2.500
154030	941.978	941.856	943.216	943.216			Q=5.000
154040	942.052	941.930	943.472	943.472			Q=5.000
154050	942.126	942.004	943.728	943.728			Q=5.000
154060	942.200	942.078	943.984	943.984			Q=5.000
154070	942.274	942.152	944.240	944.240			Q=5.000
154080	942.348	942.226	944.496	944.496			Q=5.000
154090	942.422	942.300	944.752	944.752			Q=5.000
154100	942.496	942.374	945.008	945.008			Q=5.000
154110	942.570	942.448	945.264	945.264			Q=5.000
154120	942.644	942.522	945.520	945.520			Q=5.000
154130	942.718	942.596	945.776	945.776			Q=5.000
154140	942.792	942.670	946.032	946.032			Q=5.000
154150	942.866	942.744	946.288	946.288			Q=5.000
154160	942.940	942.818	946.544	946.544			Q=5.000
154170	943.014	942.892	946.800	946.800			Q=5.000
154180	943.088	942.966	947.056	947.056			Q=5.000
154190	943.162	943.040	947.312	947.312			Q=5.000
154200	943.236	943.114	947.568	947.568			Q=5.000
154210	943.310	943.188	947.824	947.824			Q=5.000
154220	943.384	943.262	948.080	948.080			Q=5.000
154230	943.458	943.336	948.336	948.336			Q=5.000
154240	943.532	943.410	948.592	948.592			Q=5.000
154250	943.606	943.484	948.848	948.848			Q=5.000
154260	943.680	943.558	949.104	949.104			Q=5.000
154270	943.754	943.632	949.360	949.360			Q=5.000
154280	943.828	943.706	949.616	949.616			Q=5.000
154290	943.902	943.780	949.872	949.872			Q=5.000
154300	943.976	943.854	950.128	950.128			Q=5.000
154310	944.050	943.928	950.384	950.384			Q=5.000
154320	944.124	944.002	950.640	950.640			Q=5.000
154330	944.198	944.076	950.896	950.896			Q=5.000
154340	944.272	944.150	951.152	951.152			Q=5.000
154350	944.346	944.224	951.408	951.408			Q=5.000
154360	944.420	944.298	951.664	951.664			Q=5.000
154370	944.494	944.372	951.920	951.920			Q=5.000
154380	944.568	944.446	952.176	952.176			Q=5.000
154390	944.642	944.520	952.432	952.432			Q=5.000
154400	944.716	944.594	952.688	952.688			Q=5.000
154410	944.790	944.668	952.944	952.944			Q=5.000
154420	944.864	944.742	953.200	953.200			Q=5.000
154430	944.938	944.816	953.456	953.456			Q=5.000
154440	945.012	944.890	953.712	953.712			Q=5.000
154450	945.086	944.964	953.968	953.968			Q=5.000
154460	945.160	945.038	954.224	954.224			Q=5.000
154470	945.234	945.112	954.480	954.480			Q=5.000
154480	945.308	945.186	954.736	954.736			Q=5.000
154490	945.382	945.260	954.992	954.992			Q=5.000
154500	945.456	945.334	955.248	955.248			Q=5.000
154510	945.530	945.408	955.504	955.504			Q=5.000
154520	945.604	945.482	955.760	955.760			Q=5.000
154530	945.678	945.556	956.016	956.016			Q=5.000
154540	945.752	945.630	956.272	956.272			Q=5.000
154550	945.826	945.704	956.528	956.528			Q=5.000
154560	945.900	945.778	956.784	956.784			Q=5.000
154570	945.974	945.852	957.040	957.040			Q=5.000
154580	946.048	945.926	957.296	957.296			Q=5.000
154590	946.122	946.000	957.552	957.552			Q=5.000
154600	946.196	946.074	957.808	957.808			Q=5.000
154610	946.270	946.148	958.064	958.064			Q=5.000
154620	946.344	946.222	958.320	958.320			Q=5.000
154630	946.418	946.296	958.576	958.576			Q=5.000
154640	946.492	946.370	958.832	958.832			Q=5.000
154650	946.566	946.444	959.088	959.088			Q=5.000
154660	946.640	946.518	959.344	959.344			Q=5.000
154670	946.714	946.592	959.600	959.600			Q=5.000
154680	946.788	946.666	959.856	959.856			Q=5.000
154690	946.862	946.740	960.112	960.112			Q=5.000
154700	946.936	946.814	960.368	960.368			Q=5.000
154710	947.010	946.888	960.624	960.624			Q=5.000
154720	947.084	946.962	960.880	960.880			Q=5.000
154730	947.158	947.036	961.136	961.136			Q=5.000
154740	947.232	947.110	961.392	961.392			Q=5.000
154750	947.306	947.184	961.648	961.648			Q=5.000
154760	947.380	947.258	961.904	961.904			Q=5.000
154770	947.454	947.332	962.160	962.160			Q=5.000
154780	947.528	947.406	962.416	962.416			Q=5.000
154790	947.602	947.480	962.672	962.672			Q=5.000
154800	947.676	947.554	962.928	962.928			Q=5.000
154810	947.750	947.628	963.184	963.184			Q=5.000
154820	947.824	947.702	963.440	963.440			Q=5.000
154830	947.898	947.776	963.696	963.696			Q=5.000
154840	947.972	947.850	963.952	963.952			Q=5.000
154850	948.046	947.924	964.208	964.208			Q=5.000
154860	948.120	947.998	964.464	964.464			Q=5.000
154870	948.194	948.072	964.720	964.720			Q=5.000
154880	948.268	948.146	964.976	964.976			Q=5.000
154890	948.342	948.220	965.232	965.232			Q=5.000
154900	948.416	948.294	965.488	965.488			Q=5.000
154910	948.490	948.368	965.744	965.744			Q=5.000
154920	948.564	948.442	966.000	966.000			Q=5.000
154930	948.638	948.516	966.256	966.256			Q=5.000
154940	948.712	948.590	966.512	966.512			Q=5.000
154950	948.786	948.664	966.768	966.768			Q=5.000
154960	948.860	948.738	967.024	967.024			Q=5.000
154970	948.934	948.812	967.280	967.280			Q=5.000
154980	949.008	948.886	967.536	967.536			Q=5.000
154990	949.082	948.960	967.792	967.792			Q=5.000
155000	949.156	949.034	968.048	968.048			Q=5.000

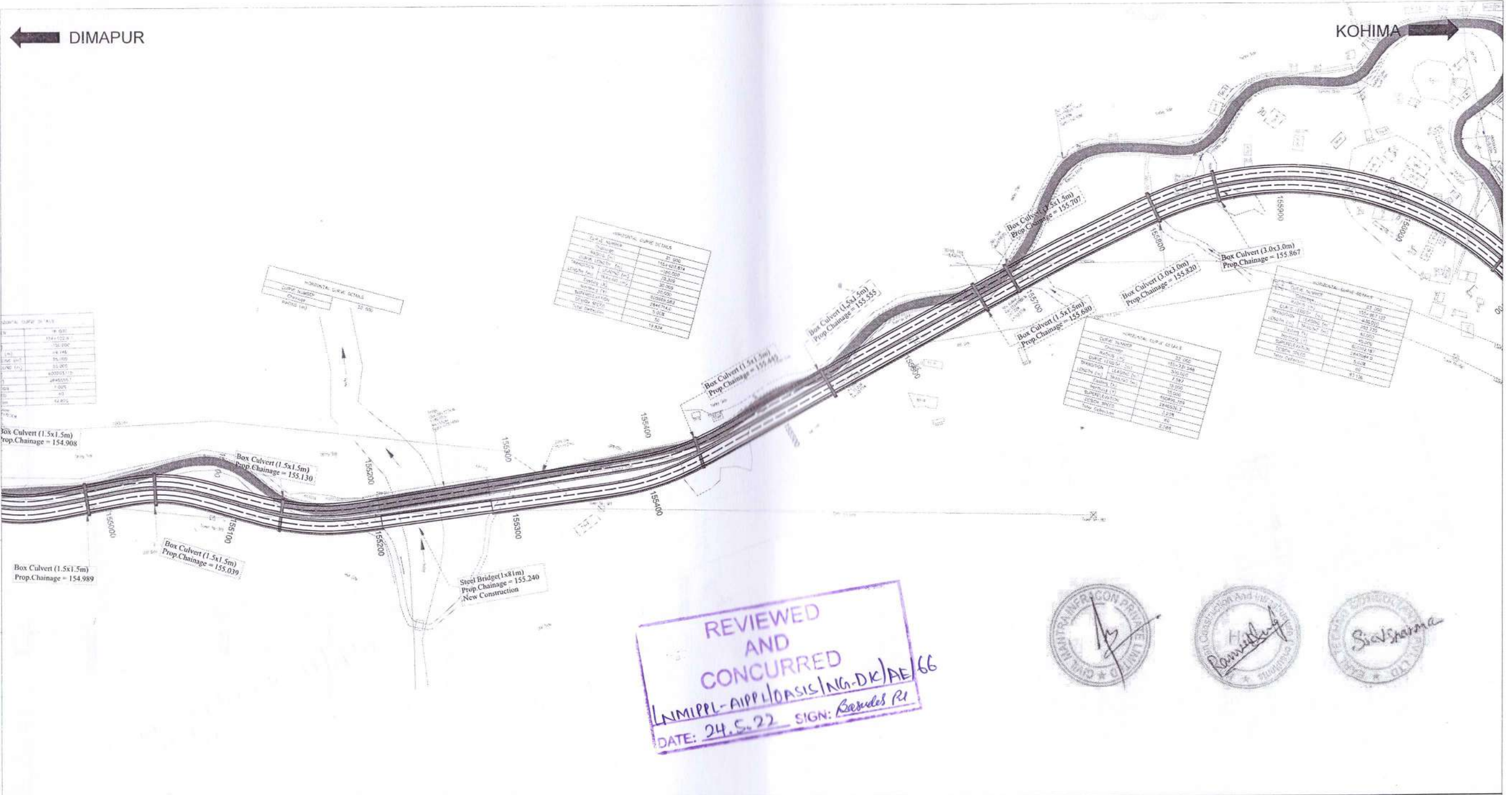
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>01</td> <td>MAY 2022</td> <td>REVISED AS PER SITE</td> </tr> <tr> <td>02</td> <td>APRIL 2022</td> <td>SUBMISSION OF PLAN & PROFILE</td> </tr> </table>	REV	DATE	DESCRIPTION	01	MAY 2022	REVISED AS PER SITE	02	APRIL 2022	SUBMISSION OF PLAN & PROFILE	<p>CLIENT: NATHUJI INFRASTRUCTURE AND INVESTMENT DEVELOPMENT CORPORATION LIMITED.</p>	<p>AUTHORITY: U.S. MANJIVIA INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.</p>	<p>CONTRACTOR: GNSS PROJECTS LIMITED.</p>	<p>PROOF CONSULTANT: HCC HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS.</p>	<p>DESIGN CONSULTANT: CIVILAMITRA INFRACON PVT LTD.</p>	<p>SAFETY CONSULTANT: EARLTECHNO CONSULTANTS PVT. LTD.</p>	<p>PROJECT: Babbar Work For Four Lanes divided Project Highway of Existing Dimapur - Kohima Road on EPC basis start from design 152.490 to km. 155.000 (Design Length 14.210 Km) Existing km. 155.000 to km. 172.900 Length 15.900 Km(s) of NH 39 (New No. is 104 - 29) in the state of Nagaland.</p>	<p>DRAWING TITLE: PLAN & PROFILE FROM Km. 154.000 to km. 155.000</p>	<p>DRG. NO. CIPLD/1095/HW/DWG/P&P/ 003</p>
REV	DATE	DESCRIPTION																
01	MAY 2022	REVISED AS PER SITE																
02	APRIL 2022	SUBMISSION OF PLAN & PROFILE																
<p>DATE: MAY 2022</p>								<p>REV: R1</p>										
<p>DESIGNED: MS</p>								<p>CHECKED: VK</p>										
<p>APPROVED: AK</p>								<p>SM</p>										
<p>SCALE: AS SHOWN PAPER SIZE: A3</p>																		

LEGEND:

- PLAN
- EXISTING
- CARRIAGE WAY LEFT/ CENTRE/RIGHT
- PUCCA ROAD
- KACHA ROAD
- BRICK ROAD
- ELECTRIC POST
- TELEPHONE POST
- TRANSFORMER
- TREES
- PALM TREE
- NALA
- DRAIN
- FENCE LINE
- ELECTRIC LINE 440V
- ELECTRIC LINE 11KV
- GPS TRAVERSE STATION
- TRAVERSE STATION
- SUB TRAVERSE STATION
- KILOMETRE POST
- OPTICAL FIBER CABLE PILLAR
- TBM
- WATER TAP
- TUBE WELL
- SIDELDER LEFT/ RIGHT
- HILL LINE
- VALLEY LINE
- WALL/ BOUNDARY WALL
- PUCCA BUILDING
- SEMI PUCCA BUILDING
- KACHA HOUSE/TEMPORARY HUT
- CULVERT/ BRIDGE
- RAIN CUT
- WATER PIPE LINE
- BOUNDARY WALL
- RELIGIOUS STRUCTURE
- RIVER EDGE
- PASSENGER SHED
- PLANTATION
- PLAT FORM
- TEA GARDEN
- POND
- DITCH
- FOREST BOUNDARY
- BANYAN TREE/ PIPEL TREE
- EMBANKMENT
- FOOTPATH
- GATE
- PUCCA WELL
- HUT COMMERCIAL/RESIDENTIAL
- SEMI PERM. RESIDENTIAL
- PERMANENT RESIDENTIAL
- UNDER CONSTRUCTION
- SEMI PERM. COMMERCIAL
- PERMANENT COMMERCIAL

- PROFILES:**
- TOE LINE
 - C/W EDGE
 - CEN LINE
 - ROW
 - HORIZONTAL TANGENT POINT

- PROFILE:**
- PROP LEVEL
 - EXIST. ROAD LVL ALONG PROP. CL
 - EXIST. LEVEL AT 10M LEFT
 - EXIST. LEVEL AT 10M RIGHT



REVIEWED AND CONCURRED
 IN/MIPPL-APP/10ASIS/NG-DK/AE 66
 DATE: 24.5.22 SIGN: *Ramesh R*



FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m, LHS OFFSET FROM CL	LEVEL AT 10m, RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation	CHAINAGE
925.007	924.935	925.304	925.204	A	L=109.064m R=3576.836m	500	155000
925.287	925.181	925.706	925.706	R		Q=5.000	155010
925.568	925.031	926.908	926.908	A	Q=5.000	Q=5.000	155020
925.645	925.651	929.053	929.053	L		Q=5.000	155030
926.129	926.892	930.864	930.864	A	Q=2.500	Q=5.000	155040
926.409	926.805	932.446	932.446	R		Q=2.500	155050
926.485	926.605	933.046	933.046	A	R=2190.578m L=160.000m	Q=5.000	155060
926.912	926.253	931.567	931.567	L		Q=5.000	155070
927.122	926.895	931.213	931.213	A	Q=3.200	Q=3.200	155080
927.304	926.276	929.689	929.689	R		Q=3.200	155090
927.457	926.700	927.233	927.233	A	Q=2.500	Q=2.500	155100
927.583	926.527	929.072	929.072	L		Q=2.500	155110
927.884	926.899	933.163	933.163	A	L=500.000m R=22863.767m	Q=2.500	155120
927.751	927.039	940.283	940.283	R		Q=2.500	155130
927.793	927.397	939.250	939.250	A	Q=4.830	Q=4.830	155140
927.807	926.683	934.832	934.832	L		Q=4.830	155150
927.808	926.749	930.014	930.014	A	Q=4.830	Q=4.830	155160
927.608	927.933	928.742	928.742	R		Q=4.830	155170
927.809	927.234	927.998	927.998	A	Q=4.830	Q=4.830	155180
927.810	927.486	927.224	927.224	L		Q=4.830	155190
927.811	927.873	927.135	927.135	A	Q=4.830	Q=4.830	155200
927.811	927.923	922.284	922.284	R		Q=4.830	155210
927.812	927.923	917.653	917.653	A	Q=4.830	Q=4.830	155220
927.813	927.684	923.409	923.409	L		Q=4.830	155230
927.814	927.684	916.204	916.204	A	Q=4.830	Q=4.830	155240
927.815	927.685	920.101	920.101	R		Q=4.830	155250
927.815	927.687	925.400	925.400	A	Q=4.830	Q=4.830	155260
927.816	927.032	926.902	926.902	L		Q=4.830	155270
927.817	927.032	927.080	927.080	A	Q=4.830	Q=4.830	155280
927.818	926.936	927.463	927.463	R		Q=4.830	155290
927.820	926.936	927.931	927.931	A	Q=4.830	Q=4.830	155300
927.856	926.936	928.141	928.141	L		Q=4.830	155310
927.937	926.936	928.284	928.284	A	Q=4.830	Q=4.830	155320
928.065	926.936	928.688	928.688	R		Q=4.830	155330
928.237	926.936	929.514	929.514	A	Q=4.830	Q=4.830	155340
928.456	926.936	930.312	930.312	L		Q=4.830	155350
928.720	926.936	931.069	931.069	A	Q=4.830	Q=4.830	155360
929.030	926.936	931.787	931.787	R		Q=4.830	155370
929.305	926.936	932.845	932.845	A	Q=4.830	Q=4.830	155380
929.789	926.936	934.660	934.660	L		Q=4.830	155390
930.233	926.936	936.308	936.308	A	Q=4.830	Q=4.830	155400
930.725	926.936	938.108	938.108	R		Q=4.830	155410
931.263	926.936	939.093	939.093	A	Q=4.830	Q=4.830	155420
931.847	926.936	935.869	935.869	L		Q=4.830	155430
932.478	926.936	936.057	936.057	A	Q=4.830	Q=4.830	155440
933.151	926.936	938.132	938.132	R		Q=4.830	155450
933.870	926.936	939.455	939.455	A	Q=4.830	Q=4.830	155460
934.591	926.936	940.560	940.560	L		Q=4.830	155470
935.332	926.936	941.349	941.349	A	Q=4.830	Q=4.830	155480
936.100	926.936	942.432	942.432	R		Q=4.830	155490
936.827	926.936	942.525	942.525	A	Q=4.830	Q=4.830	155500
937.598	926.936	942.711	942.711	L		Q=4.830	155510
938.388	926.936	942.894	942.894	A	Q=4.830	Q=4.830	155520
939.178	926.936	942.953	942.953	R		Q=4.830	155530
940.451	926.936	942.949	942.949	A	Q=4.830	Q=4.830	155540
941.182	926.936	943.372	943.372	L		Q=4.830	155550
942.834	926.936	946.196	946.196	A	Q=4.830	Q=4.830	155560
943.353	926.936	948.608	948.608	R		Q=4.830	155570
944.059	926.936	948.649	948.649	A	Q=4.830	Q=4.830	155580
944.779	926.936	947.842	947.842	L		Q=4.830	155590
945.488	926.936	948.437	948.437	A	Q=4.830	Q=4.830	155600
946.188	926.936	950.780	950.780	R		Q=4.830	155610
946.885	926.936	957.720	957.720	A	Q=4.830	Q=4.830	155620
947.570	926.936	959.619	959.619	L		Q=4.830	155630
948.269	926.936	958.712	958.712	A	Q=4.830	Q=4.830	155640
948.992	926.936	957.450	957.450	R		Q=4.830	155650
949.832	926.936	957.060	957.060	A	Q=4.830	Q=4.830	155660
950.308	926.936	956.357	956.357	L		Q=4.830	155670
950.979	926.936	956.564	956.564	A	Q=4.830	Q=4.830	155680
951.646	926.936	956.710	956.710	R		Q=4.830	155690
952.309	926.936	955.292	955.292	A	Q=4.830	Q=4.830	155700
952.987	926.936	953.895	953.895	L		Q=4.830	155710
953.621	926.936	954.364	954.364	A	Q=4.830	Q=4.830	155720
954.271	926.936	955.313	955.313	R		Q=4.830	155730
954.916	926.936	956.011	956.011	A	Q=4.830	Q=4.830	155740
955.597	926.936	956.070	956.070	L		Q=4.830	155750
956.193	926.936	957.836	957.836	A	Q=4.830	Q=4.830	155760
956.826	926.936	962.612	962.612	R		Q=4.830	155770
957.463	926.936	965.149	965.149	A	Q=4.830	Q=4.830	155780
958.076	926.936	961.195	961.195	L		Q=4.830	155790
958.695	926.936	962.226	962.226	A	Q=4.830	Q=4.830	155800
959.310	926.936	963.249	963.249	R		Q=4.830	155810
959.920	926.936	963.334	963.334	A	Q=4.830	Q=4.830	155820
960.526	926.936	965.768	965.768	L		Q=4.830	155830
961.127	926.936	967.316	967.316	A	Q=4.830	Q=4.830	155840
961.724	926.936	970.187	970.187	R		Q=4.830	155850
962.317	926.936	972.744	972.744	A	Q=4.830	Q=4.830	155860
962.905	926.936	974.665	974.665	L		Q=4.830	155870
963.489	926.936	976.818	976.818	A	Q=4.830	Q=4.830	155880
964.069	926.936	975.999	975.999	R		Q=4.830	155890
964.644	926.936	976.283	976.283	A	Q=4.830	Q=4.830	155900
965.215	926.936	974.187	974.187	L		Q=4.830	155910
965.781	926.936	975.246	975.246	A	Q=4.830	Q=4.830	155920
966.341	926.936	976.474	976.474	R		Q=4.830	155930
966.901	926.936	976.474	976.474	A	Q=4.830	Q=4.830	155940
967.454	926.936	980.835	980.835	L		Q=4.830	155950
968.003	926.936	981.684	981.684	A	Q=4.830	Q=4.830	155960
968.546	926.936	982.076	982.076	R		Q=4.830	155970
969.088	926.936	982.188	982.188	A	Q=4.830	Q=4.830	155980
969.630	926.936	983.507	983.507	L		Q=4.830	155990
970.172	926.936	986.360	986.360	A	Q=4.830	156000	

LEGEND:

PLAN

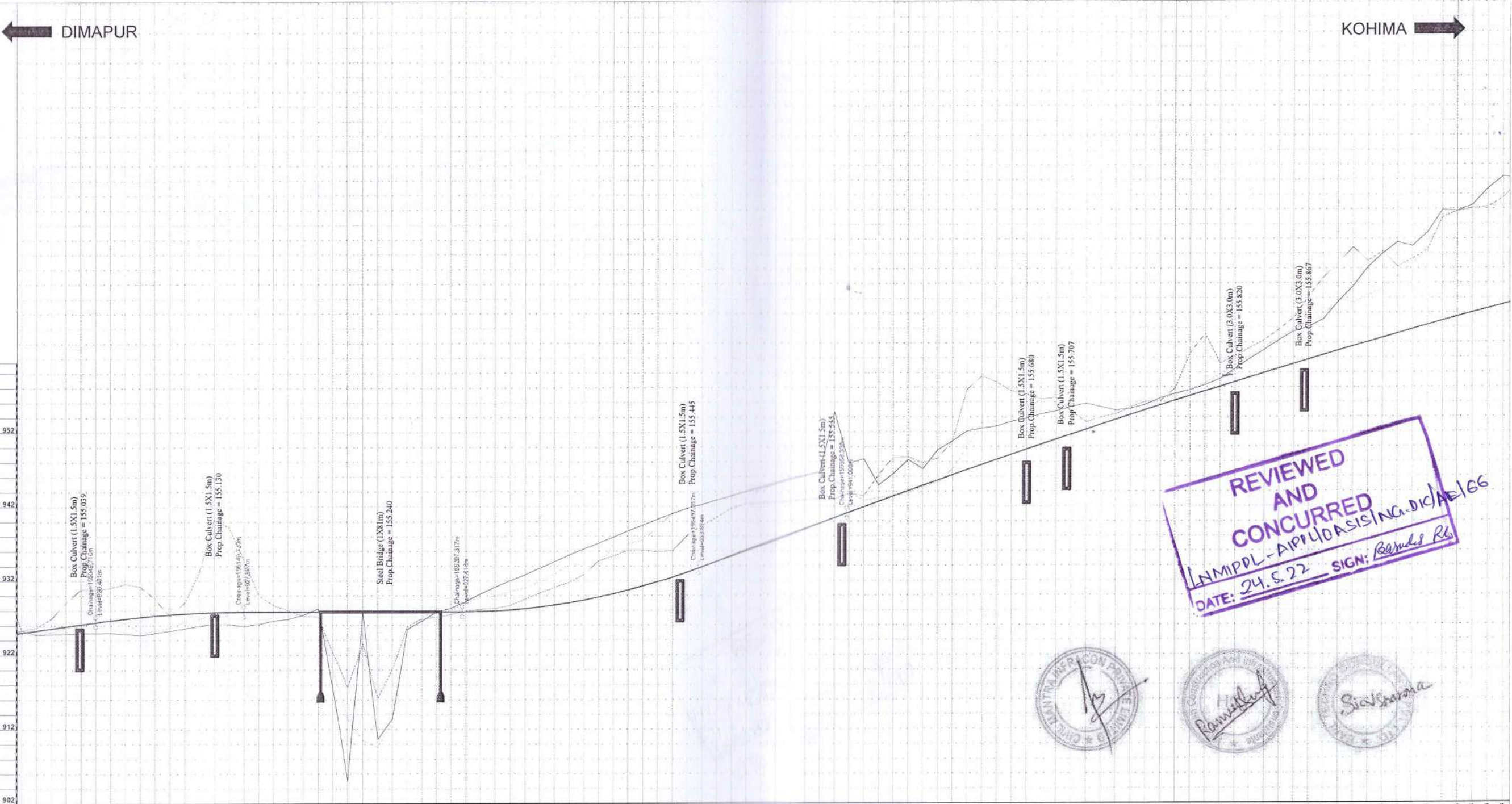
- EXISTING
- CARRIAGE WAY LEFT
- CARRIAGE WAY RIGHT
- PCCCA ROAD
- KACHA ROAD
- BRICK ROAD
- ELECTRIC POST
- TELEPHONE POST
- TRANSFORMER
- TREES
- PALM TREE
- NALA
- DRAIN
- FENCE LINE
- ELECTRIC LINE 440V
- ELECTRIC LINE 11KV
- GPS TRAVERSE STATION
- TRAVERSE STATION
- SUB TRAVERSE STATION
- KILOMETRE POST
- OPTICAL FIBER CABLE PILLAR
- TBM
- WATER TAP
- TUBE WELL
- SHOULDER LEFT / RIGHT
- HILL LINE
- VALLEY LINE
- WALL BOUNDARY
- PCCCA BUILDING
- SEMI PCCCA BUILDING
- KACHA HOUSE TEMPORARY HUT
- CULVERT BRIDGE
- RAIN CUT
- WATER PIPE LINE
- BOUNDARY WALL
- RELIGIOUS STRUCTURE
- RIVER EDGE
- PASSENGER SHED
- PLANTATION
- PLAT FORM
- TEA GARDEN
- POND
- DITCH
- FOREST BOUNDARY
- BANYAN TREE / PIPPLE TREE
- EMBANKMENT
- FOOTPATH
- GATE
- PCCCA WELL
- HUT COMMERCIAL/RESIDENTIAL
- SEMI PERM. RESIDENTIAL
- PERMANENT RESIDENTIAL
- UNDER CONSTRUCTION
- SEMI PERM. COMMERCIAL
- PERMANENT COMMERCIAL

PROPOSED

- TOE LINE
- C/W EDGE
- CEN. LINE
- ROW
- HORIZONTAL TANGENT POINT

PROFILE

- PROP. LEVEL
- EXIST. ROAD LVL. ALONG PROP. CL
- EXIST. LEVEL AT 10M LEFT
- EXIST. LEVEL AT 10M RIGHT



STATIONING	FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m. LHS OFFSET FROM CL	LEVEL AT 10m. RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation	CHAINAGE
155000	925.007	924.855	925.294	925.304	A L	L=109.664m R=3576.830m	Q=5.000	155000
155010	925.287	924.741	925.706	924.745				155010
155020	925.588	925.031	926.906	924.793	R L	Q=5.000	155020	
155030	925.648	925.541	929.063	924.871			155030	
155040	926.129	926.392	930.884	924.948	A L	Q=5.000	155040	
155050	926.409	926.409	930.782	924.931			155050	
155060	926.075	926.865	931.046	924.985	R L	Q=5.000	155060	
155070	927.122	926.895	931.567	924.830			155070	
155080	927.487	927.700	932.589	924.949	A L	Q=5.000	155080	
155090	927.583	927.827	927.233	925.240			155090	
155100	927.681	927.854	928.072	925.573	R L	Q=5.000	155100	
155110	927.793	927.854	933.183	925.873			155110	
155120	927.807	927.807	940.283	926.178	A L	Q=5.000	155120	
155130	927.808	927.808	938.250	926.117			155130	
155140	927.808	927.808	934.832	925.882	R L	Q=5.000	155140	
155150	927.808	927.808	930.014	926.151			155150	
155160	927.808	927.808	928.742	926.620	A L	Q=5.000	155160	
155170	927.808	927.808	927.998	926.846			155170	
155180	927.808	927.808	927.224	927.382	R L	Q=5.000	155180	
155190	927.811	927.811	927.135	928.244			155190	
155200	927.811	927.811	922.294	917.454	A L	Q=5.000	155200	
155210	927.812	927.812	917.653	905.053			155210	
155220	927.813	927.813	923.489	927.760	R L	Q=5.000	155220	
155230	927.813	927.813	916.204	910.683			155230	
155240	927.814	927.814	920.101	913.382	A L	Q=5.000	155240	
155250	927.815	927.815	925.787	925.400			155250	
155260	927.816	927.816	926.902	926.589	R L	Q=5.000	155260	
155270	927.816	927.816	927.080	927.782			155270	
155280	927.817	927.817	927.453	928.311	A L	Q=5.000	155280	
155290	927.818	927.818	927.931	929.209			155290	
155300	927.818	927.818	928.141	930.214	R L	Q=5.000	155300	
155310	927.818	927.818	928.284	931.128			155310	
155320	927.818	927.818	928.688	932.024	A L	Q=5.000	155320	
155330	927.818	927.818	928.514	932.806			155330	
155340	927.818	927.818	930.312	933.686	R L	Q=5.000	155340	
155350	927.818	927.818	931.069	934.576			155350	
155360	927.818	927.818	931.787	935.460	A L	Q=5.000	155360	
155370	927.818	927.818	932.845	936.284			155370	
155380	927.818	927.818	934.666	937.079	R L	Q=5.000	155380	
155390	927.818	927.818	935.308	937.900			155390	
155400	927.818	927.818	936.108	938.730	A L	Q=5.000	155400	
155410	927.818	927.818	936.093	939.511			155410	
155420	927.818	927.818	935.868	940.286	R L	Q=5.000	155420	
155430	927.818	927.818	936.057	941.050			155430	
155440	927.818	927.818	938.132	941.729	A L	Q=5.000	155440	
155450	927.818	927.818	939.455	942.257			155450	
155460	927.818	927.818	940.560	942.848	R L	Q=5.000	155460	
155470	927.818	927.818	941.749	943.436			155470	
155480	927.818	927.818	942.342	944.013	A L	Q=5.000	155480	
155490	927.818	927.818	942.525	944.589			155490	
155500	927.818	927.818	942.711	945.163	R L	Q=5.000	155500	
155510	927.818	927.818	942.894	945.735			155510	
155520	927.818	927.818	942.993	946.303	A L	Q=5.000	155520	
155530	927.818	927.818	942.949	946.878			155530	
155540	927.818	927.818	943.372	948.359	R L	Q=5.000	155540	
155550	927.818	927.818	943.372	948.359			155550	
155560	927.818	927.818	943.372	948.359	A L	Q=5.000	155560	
155570	927.818	927.818	943.372	948.359			155570	
155580	927.818	927.818	943.372	948.359	R L	Q=5.000	155580	
155590	927.818	927.818	943.372	948.359			155590	
155600	927.818	927.818	943.372	948.359	A L	Q=5.000	155600	
155610	927.818	927.818	943.372	948.359			155610	
155620	927.818	927.818	943.372	948.359	R L	Q=5.000	155620	
155630	927.818	927.818	943.372	948.359			155630	
155640	927.818	927.818	943.372	948.359	A L	Q=5.000	155640	
155650	927.818	927.818	943.372	948.359			155650	
155660	927.818	927.818	943.372	948.359	R L	Q=5.000	155660	
155670	927.818	927.818	943.372	948.359			155670	
155680	927.818	927.818	943.372	948.359	A L	Q=5.000	155680	
155690	927.818	927.818	943.372	948.359			155690	
155700	927.818	927.818	943.372	948.359	R L	Q=5.000	155700	
155710	927.818	927.818	943.372	948.359			155710	
155720	927.818	927.818	943.372	948.359	A L	Q=5.000	155720	
155730	927.818	927.818	943.372	948.359			155730	
155740	927.818	927.818	943.372	948.359	R L	Q=5.000	155740	
155750	927.818	927.818	943.372	948.359			155750	
155760	927.818	927.818	943.372	948.359	A L	Q=5.000	155760	
155770	927.818	927.818	943.372	948.359			155770	
155780	927.818	927.818	943.372	948.359	R L	Q=5.000	155780	
155790	927.818	927.818	943.372	948.359			155790	
155800	927.818	927.818	943.372	948.359	A L	Q=5.000	155800	
155810	927.818	927.818	943.372	948.359			155810	
155820	927.818	927.818	943.372	948.359	R L	Q=5.000	155820	
155830	927.818	927.818	943.372	948.359			155830	
155840	927.818	927.818	943.372	948.359	A L	Q=5.000	155840	
155850	927.818	927.818	943.372	948.359			155850	
155860	927.818	927.818	943.372	948.359	R L	Q=5.000	155860	
155870	927.818	927.818	943.372	948.359			155870	
155880	927.818	927.818	943.372	948.359	A L	Q=5.000	155880	
155890	927.818	927.818	943.372	948.359			155890	
155900	927.818	927.818	943.372	948.359	R L	Q=5.000	155900	
155910	927.818	927.818	943.372	948.359			155910	
155920	927.818	927.818	943.372	948.359	A L	Q=5.000	155920	
155930	927.818	927.818	943.372	948.359			155930	
155940	927.818	927.818	943.372	948.359	R L	Q=5.000	155940	
155950	927.818	927.818	943.372	948.359			155950	
155960	927.818	927.818	943.372	948.359	A L	Q=5.000	155960	
155970	927.818	927.818	943.372	948.359			155970	
155980	927.818	927.818	943.372	948.359	R L	Q=5.000	155980	
155990	927.818	927.818	943.372	948.359			155990	
156000	927.818	927.818	943.372	948.359	A L	Q=5.000	156000	

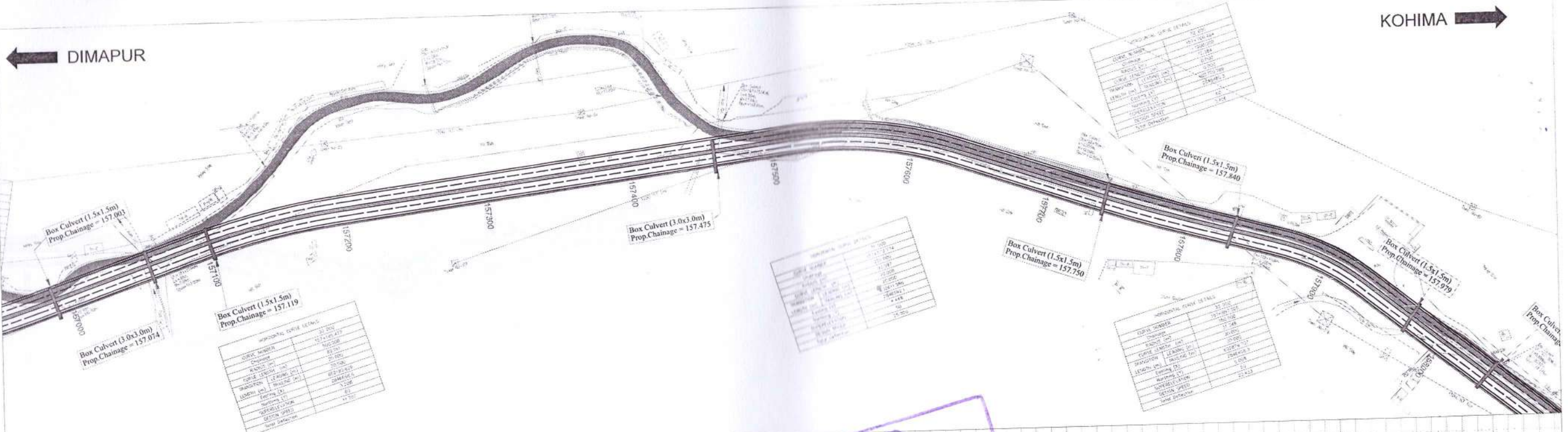
<p>CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.</p>	<p>AUTHORITY: L.S. MALVIYA INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.</p>	<p>CONTRACTOR: OASIS PROJECTS LIMITED</p>	<p>PROOF CONSULTANT: HCC HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS.</p>	<p>DESIGN CONSULTANT: CIVILMANTRA INFRACON PVT. LTD.</p>	<p>SAFETY CONSULTANT: EARLTECHNO CONSULTANTS PVT. LTD.</p>	<p>PROJECT: Balance Work For Four Lanes divided Project Highway of Existing Durgam - Kohima Road on EPC basis starts from design 152.450 to km. 156.700 (Design Length 14.210 Km) (Existing km. 156.700 to km. 172.900 Length 16.200 Km) of NH 29 (New No. is NH - 29) in the state of Nagaland.</p>	<p>DRAWING TITLE: PROFILE FROM Km. 155.000 to km. 156.000</p>	<p>DRG. NO. CIPLD/1096/HW/DWG/P&P/ 004</p>
<p>REV. DATE DESCRIPTION</p>	<p>DATE: MAY 2022</p>	<p>SCALE: AS SHOWN PAPER SIZE: A3</p>	<p>REV: R1</p>	<p>MS</p>	<p>CHKD: VK</p>	<p>APPROVED: SM</p>	<p>APPROVED: SM</p>	

LEGEND:

- PLAN
 EXISTING
 CARRIAGE WAY LEFT / CENTRE/RIGHT
 PUCCA ROAD
 KACHA ROAD
 BRICK ROAD
 ELECTRIC POST
 TELEPHONE POST
 TRANSFORMER
 TREES
 PALM TREE
 NALA
 DRAIN
 FENCE LINE
 ELECTRIC LINE 440V
 ELECTRIC LINE 11KV
 GPS TRAVERSE STATION
 TRAVERSE STATION
 SUB TRAVERSE STATION
 KILOMETRE POST
 OPTICAL FIBRE CABLE PILLAR
 TBM
 WATER TAP
 TUBE WELL
 SHOULDER LEFT / RIGHT
 HILL LINE
 VALLEY LINE
 WALL / BOUNDARY WALL
 PUCCA BUILDING
 SEMI PUCCA BUILDING
 KACHA HOUSE / TEMPORARY HUT
 CULVERT / BRIDGE
 RAIN CUT
 WATER PIPE LINE
 BOUNDARY WALL
 RELIGIOUS STRUCTURE
 RIVER EDGE
 PASSENGER SHED
 PLANTATION
 FLAT FORM
 TEA GARDEN
 POND
 DITCH
 FOREST BOUNDARY
 BANYAN TREE / PIPLE TREE
 EMBANKMENT
 FOOTPATH
 GATE
 PUCCA WELL
 HUT COMMERCIAL/RESIDENTIAL
 SEMI PERM. RESIDENTIAL
 PERMANENT RESIDENTIAL
 UNDER CONSTRUCTION
 SEMI PERM. COMMERCIAL
 PERMANENT COMMERCIAL

- PROPOSED
 TOE LINE
 CW EDGE
 CN LINE
 ROW
 HORIZONTAL TANGENT POINT

- PROFILE
 PROP LEVEL
 EXIST ROAD LVL
 ALONG PROP. CL
 EXIST LEVEL AT 10M LEFT
 EXIST LEVEL AT 10M RIGHT



CHAINAGE	FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m. LHS OFFSET FROM CL	LEVEL AT 10m. RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation
157000	972.710	971.903	971.751	971.751	L=108.602m	Q=2.500	Q=3.200
157010	972.532	971.972	971.157	971.157			
157020	972.343	971.970	971.647	971.647	R=500.000m L=82.161m	Q=3.200	Q=3.200
157030	972.150	971.654	971.554	971.554			
157040	971.955	971.184	970.669	970.669	R=1996.521m L=80.000m	Q=3.200	Q=3.200
157050	971.757	971.102	970.553	970.553			
157060	971.558	970.759	970.359	970.359	R=2088.301m L=100.000m	Q=4.400	Q=4.400
157070	971.351	970.411	970.251	970.251			
157080	971.151	970.064	970.034	970.034	R=250.000m L=93.097m	Q=4.400	Q=4.400
157090	970.979	970.442	970.334	970.334			
157100	970.857	970.291	970.288	970.288	L=90.949m	Q=2.500	Q=2.500
157110	970.786	970.194	970.148	970.148			
157120	970.702	970.106	970.089	970.089	R=1200.000m L=72.384m	Q=2.500	Q=2.500
157130	970.619	970.028	970.004	970.004			
157140	970.535	970.004	970.004	970.004	L=48.696m	Q=5.000	Q=5.000
157150	970.451	970.004	970.004	970.004			
157160	970.367	970.004	970.004	970.004	L=195.943m Q=3.515	Q=5.000	Q=2.500
157170	970.283	970.004	970.004	970.004			
157180	970.199	970.004	970.004	970.004	L=127.000m	Q=2.500	Q=2.500
157190	970.115	970.004	970.004	970.004			
157200	970.031	970.004	970.004	970.004			

CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

AUTHORITY: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

CONTRACTOR: OASIS PROJECTS LIMITED

PROOF CONSULTANT: HCC HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS

DESIGN CONSULTANT: CIVIL MATRA INFRACON PVT LTD

SAFETY CONSULTANT: EARL TECHNO CONSULTANTS PVT. LTD.

PROJECT: Balance Work For Four Laning divided Project Highway of Existing Dimapur - Kohima Road on EPC basis starts from design 152.490 to km. 156.300 (Design Length 14.210 Km) (Existing km. 156.000 to km. 172.900 (Length 16.900 Km) of NH 30 (New No. 104 - 29) in the state of Nagaland.

DRAWING TITLE: PLAN & PROFILE FROM km. 157.000 to km. 158.000

DATE: MAY 2022

SCALE: AS SHOWN PAPER SIZE: A3

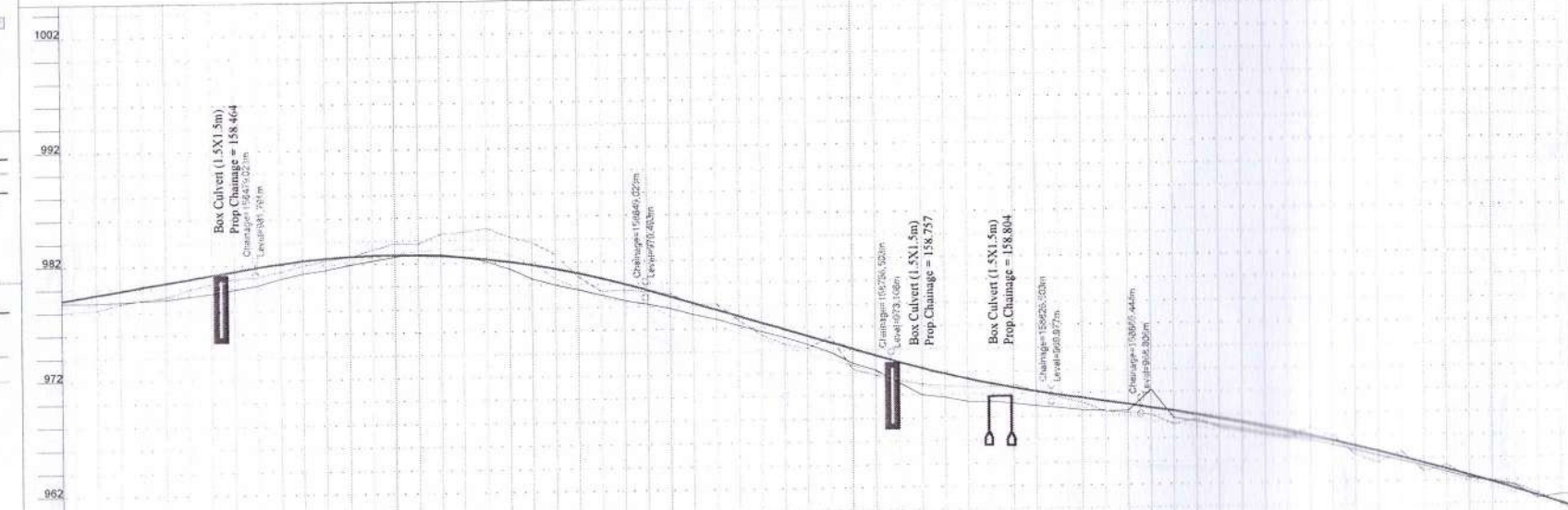
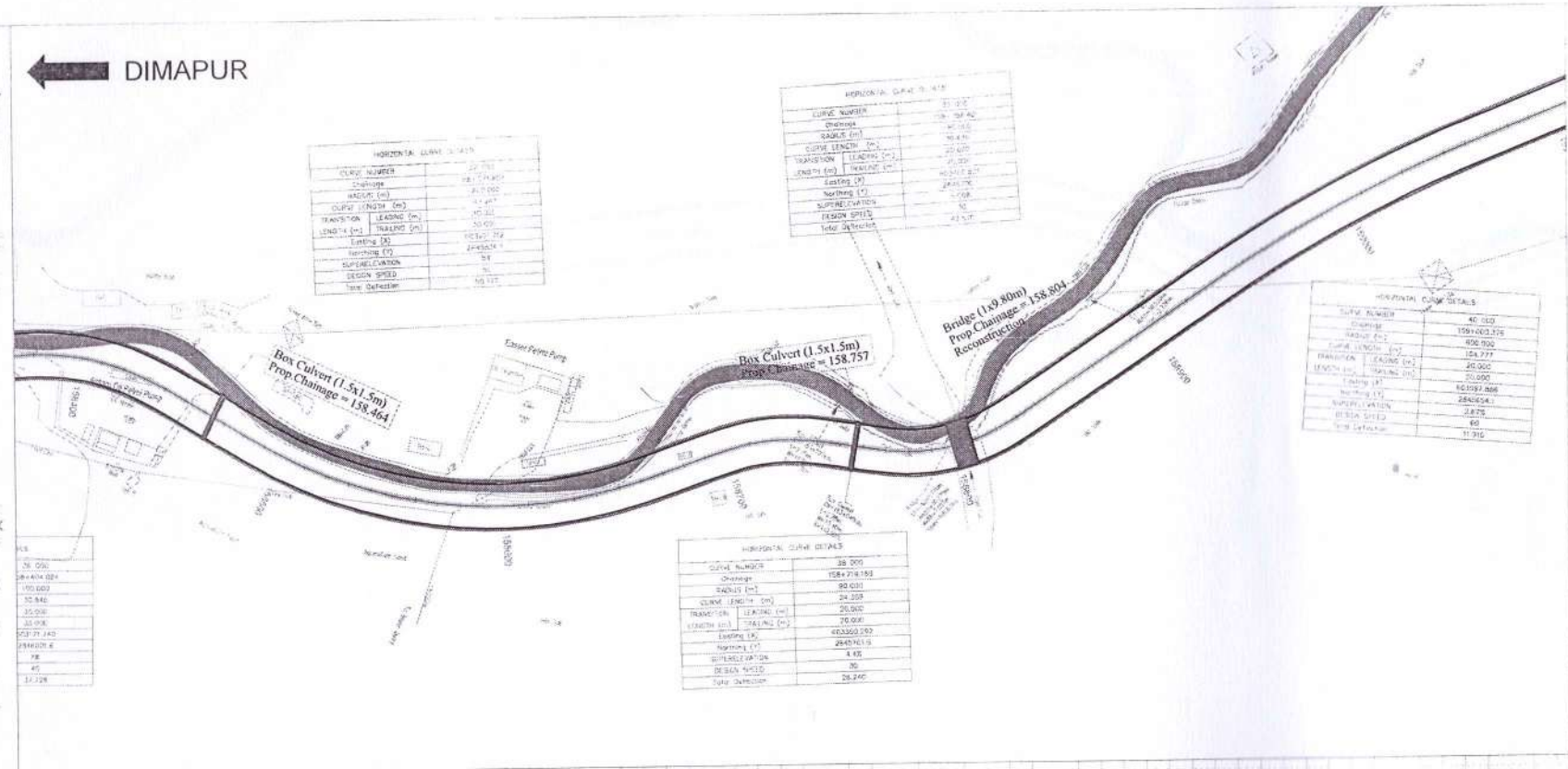
REV: R1

MS VK AK SM

DIMAPUR

LEGEND:

- PLAN
- EXISTING
- CARRIAGE WAY LEFT/ CENTRE/RIGHT
- PUCCA ROAD
- KACHA ROAD
- BRICK ROAD
- ELECTRIC POST
- TELEPHONE POST
- TRANSFORMER
- TREES
- PALM TREE
- NALA
- DRAIN
- FENCE LINE
- ELECTRIC LINE 40V
- ELECTRIC LINE 11KV
- GPS TRAVERSE STATION
- TRAVERSE STATION
- SUB TRAVERSE STATION
- KILOMETRE POST
- OPTICAL FIBER CABLE PILLAR
- TBM
- WATER TAP
- TUBE WELL
- SHOULDER LEFT/ RIGHT
- HILL LINE
- VALLEY LINE
- WALL/ BOUNDARY WALL
- PUCCA BUILDING
- SEMI PUCCA BUILDING
- KACHA HOUSE/TEMPORARY HUT
- CUT VERT/ BRIDGE
- RAIN CUT
- WATER PIPE LINE
- BOUNDARY WALL
- RELIGIOUS STRUCTURE
- RIVER EDGE
- PASSENGER SHED
- PLANTATION
- PLAT FORM
- TEA GARDEN
- POND
- DITCH
- FOREST BOUNDARY
- BANYAN TREE/ PIPE TREE
- EMBANKMENT
- FOOTPATH
- GATE
- PUCCA WELL
- HUT COMMERCIAL/RESIDENTIAL
- SEMI PERM. RESIDENTIAL
- PERMANENT RESIDENTIAL
- UNDER CONSTRUCTION
- SEMI PERM. COMMERCIAL
- PERMANENT COMMERCIAL



Stationing	FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m LHS OFFSET FROM CL	LEVEL AT 10m RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation	CHAINAGE
158.000	979.233	979.533	978.122	978.843	R	G=3.237	7.300	158.000
158.050	979.557	979.638	978.210	978.848	L	L=114.951m	Q=2.500	158.050
158.100	979.880	978.788	978.740	978.897	L		Q=2.500	158.100
158.150	980.204	979.153	979.052	978.994	L		Q=2.500	158.150
158.200	980.528	979.730	979.319	979.106	L		Q=2.500	158.200
158.250	980.851	979.537	979.931	979.344	L		Q=2.500	158.250
158.300	981.175	980.222	980.434	979.574	L		Q=2.500	158.300
158.350	981.499	980.719	980.877	979.910	L		Q=2.500	158.350
158.400	981.822	981.010	980.993	980.253	L		Q=2.500	158.400
158.450	982.144	981.034	981.417	980.805	L		Q=2.500	158.450
158.500	982.465	981.464	981.002	981.253	L		Q=2.500	158.500
158.550	982.787	982.268	982.350	981.529	L		Q=2.500	158.550
158.600	983.109	982.536	983.239	982.272	L		Q=2.500	158.600
158.650	983.431	982.804	983.008	982.626	L		Q=2.500	158.650
158.700	983.753	983.098	983.734	982.826	L		Q=2.500	158.700
158.750	984.075	983.179	984.583	982.768	L		Q=2.500	158.750
158.800	984.397	983.119	984.725	982.518	L		Q=2.500	158.800
158.850	984.719	983.187	985.038	982.113	L		Q=2.500	158.850
158.900	985.041	982.704	984.224	981.433	L		Q=2.500	158.900
158.950	985.363	981.874	983.722	980.560	L		Q=2.500	158.950
159.000	985.685	981.518	982.617	979.991	L		Q=2.500	159.000
159.050	986.007	979.640	980.680	979.533	L		Q=2.500	159.050
159.100	986.329	978.987	979.400	979.086	L		Q=2.500	159.100
159.150	986.651	978.392	979.485	978.554	L		Q=2.500	159.150
159.200	986.973	978.230	979.328	978.230	L		Q=2.500	159.200
159.250	987.295	977.105	979.061	977.808	L		Q=2.500	159.250
159.300	987.617	976.045	978.137	977.272	L		Q=2.500	159.300
159.350	987.939	975.162	978.188	976.858	L		Q=2.500	159.350
159.400	988.261	975.096	978.710	976.204	L		Q=2.500	159.400
159.450	988.583	975.096	975.383	975.719	L		Q=2.500	159.450
159.500	988.905	974.452	974.578	975.175	L		Q=2.500	159.500
159.550	989.227	973.893	974.178	974.547	L		Q=2.500	159.550
159.600	989.549	973.191	973.171	973.802	L		Q=2.500	159.600
159.650	989.871	972.698	972.299	972.845	L		Q=2.500	159.650
159.700	990.193	971.960	971.762	972.210	L		Q=2.500	159.700
159.750	990.515	971.415	971.284	971.106	L		Q=2.500	159.750
159.800	990.837	970.016	970.909	969.879	L		Q=2.500	159.800
159.850	991.159	970.320	970.744	969.733	L		Q=2.500	159.850
159.900	991.481	970.066	970.624	969.359	L		Q=2.500	159.900
159.950	991.803	969.970	970.629	969.389	L		Q=2.500	159.950
160.000	992.125	969.005	970.770	969.162	L		Q=2.500	160.000
160.050	992.447	968.255	970.185	968.937	L		Q=2.500	160.050
160.100	992.769	968.034	969.833	968.749	L		Q=2.500	160.100
160.150	993.091	968.416	969.410	968.403	L		Q=2.500	160.150
160.200	993.413	967.990	968.247	968.399	L		Q=2.500	160.200
160.250	993.735	967.320	967.184	967.739	L		Q=2.500	160.250
160.300	994.057	966.840	966.955	967.033	L		Q=2.500	160.300
160.350	994.379	966.340	966.443	966.591	L		Q=2.500	160.350
160.400	994.701	965.919	966.181	966.340	L		Q=2.500	160.400
160.450	995.023	965.577	965.873	966.079	L		Q=2.500	160.450
160.500	995.345	965.554	965.759	965.654	L		Q=2.500	160.500
160.550	995.667	965.222	965.964	965.222	L		Q=2.500	160.550
160.600	995.989	964.744	994.339	964.744	L		Q=2.500	160.600
160.650	996.311	964.054	963.030	964.240	L		Q=2.500	160.650
160.700	996.633	963.670	962.831	963.765	L		Q=2.500	160.700
160.750	996.955	963.055	962.831	963.302	L		Q=2.500	160.750
160.800	997.277	962.209	962.275	962.748	L		Q=2.500	160.800
160.850	997.600	961.682	961.990	961.884	L		Q=2.500	160.850
160.900	997.922	961.054	961.801	961.507	L		Q=2.500	160.900
160.950	998.244	960.290	960.820	960.352	L		Q=2.500	160.950
161.000	998.566	959.653	959.805	960.694	L		Q=2.500	161.000

REVIEWED AND CONCURRED
 IN MIPPL BASIS | NG-DE/AE/EG
 DATE: 24.05.22
 Sd/- Babul Das



REV	DATE	DESCRIPTION
R1	MAY 2022	REVISED AS PER SITE
R2	MAY 2022	SUBMISSION OF PLAN & PROFILE

CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

AUTHORITY: ASSOCIATION OF INFRASTRUCTURE PROJECTS LTD.

CONTRACTOR: GAS PROJECTS LIMITED

PROOF CONSULTANT: HCC HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS.

DESIGN CONSULTANT: CIVIL MANTRA INFRACON PVT LTD

SAFETY CONSULTANT: EARL TECHNO CONSULTANTS PVT. LTD.

PROJECT: Balance Work For Four Lanes divided Project Highway of Existing Design - Kohima Road on EPC basis study from design 152.450 to km. 166.700 (Design Length 14.210 Km) (Existing km. 158.000 to km. 172.500 Length 15.500 Km) of NH 39 (New No. is 101-29) in the State of Nagaland.

DRAWING TITLE: PLAN & PROFILE FROM Km. 158.400 to km. 159.050
 SCALE: AS SHOWN PAPER SIZE: A3

DRG. NO. CIPL/D1096/HWDWG/P&P/ 007

DATE	DESIGNED	DRAWN	CHECKED	APPROVED
MAY 2022	MS	VK	AK	SM

REV: R1

LEGEND:

- PLAN
EXISTING
CARRIAGE WAY LEFT
CENTRE RIGHT
PUCCA ROAD
KACHA ROAD
BRICK ROAD
ELECTRIC POST
TELEPHONE POST
TRANSFORMER
TREES
PALM TREE
NALA
DRAIN
FENCE LINE
ELECTRIC LINE 40KV
ELECTRIC LINE 11KV
GPS TRAVERSE STATION
TRAVERSE STATION
SUB TRAVERSE STATION
KILOMETRE POST
OPTICAL FIBER CABLE PILLAR
TBM
WATER TAP
TUBE WELL
SHOULDER LEFT / RIGHT
HILL LINE
VALLEY LINE
WALL BOUNDARY WALL
PUCCA BUILDING
SEMI PUCCA BUILDING
KACHA HOUSE/TEMPORARY HUT
CULVERT BRIDGE
RAIN CUT
WATER PIPE LINE
BOUNDARY WALL
RELIGIOUS STRUCTURE
RIVER EDGE
PASSENGER SHED
PLANTATION
PLAT FORM
TEA GARDEN
POND
DITCH
FOREST BOUNDARY
BANYAN TREE / PIPPLE TREE
EMBANKMENT
FOOTPATH
GATE
PUCCA WELL
HUT COMMERCIAL/RESIDENTIAL
SEMI PERM. RESIDENTIAL
PERMANENT RESIDENTIAL
UNDER CONSTRUCTION
SEMI PERM. COMMERCIAL
PERMANENT COMMERCIAL

- PROPOSED:
TOE LINE
C/W EDGE
CEN. LINE
ROW
HORIZONTAL
TANGENT POINT

- PROFILE:
PROP LEVEL
EXIST ROAD LVL
ALONG PROP. CL
EXIST LEVEL AT
10M LEFT
EXIST LEVEL AT
10M RIGHT

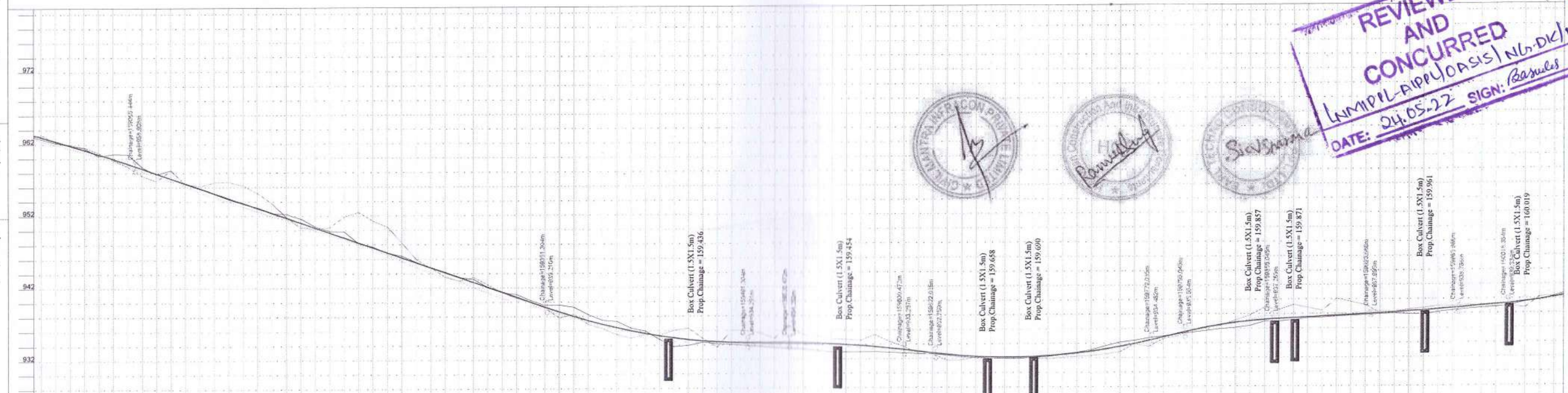
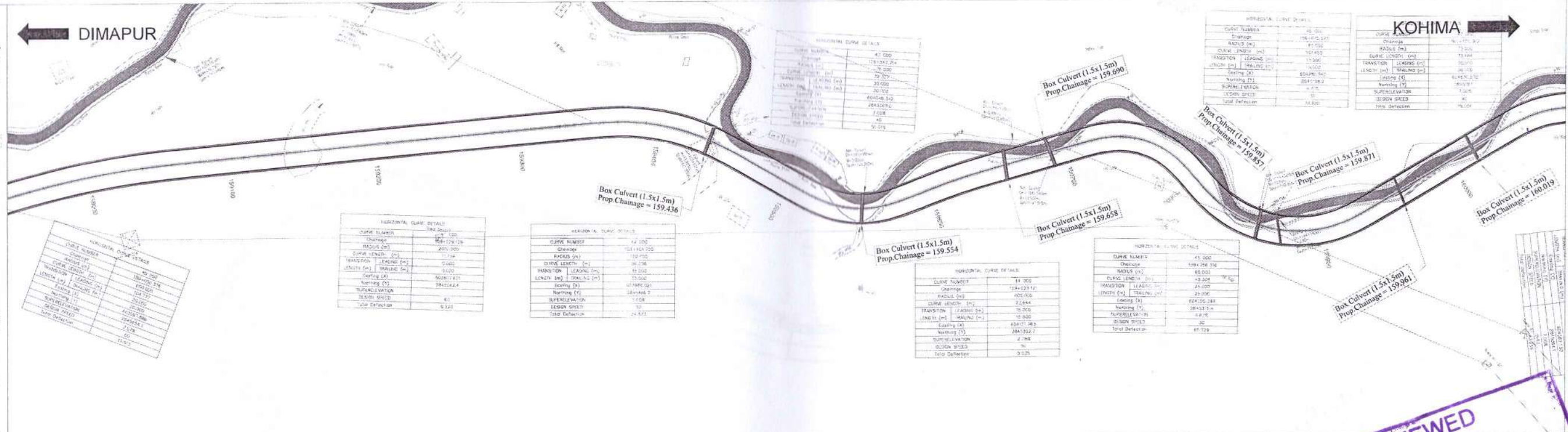


Table with 6 columns: FRL AT MEDIAN EDGE, GROUND LEVEL BELOW CENTER LINE, LEVEL AT 10m LHS OFFSET FROM CL, LEVEL AT 10m RHS OFFSET FROM CL, HORIZONTAL SCHEMATIC, VERTICAL SCHEMATIC, Superelevation, CHAINAGE.

REVIEWED AND CONCURRED
DATE: 24.05.22
SIGN: Basules R



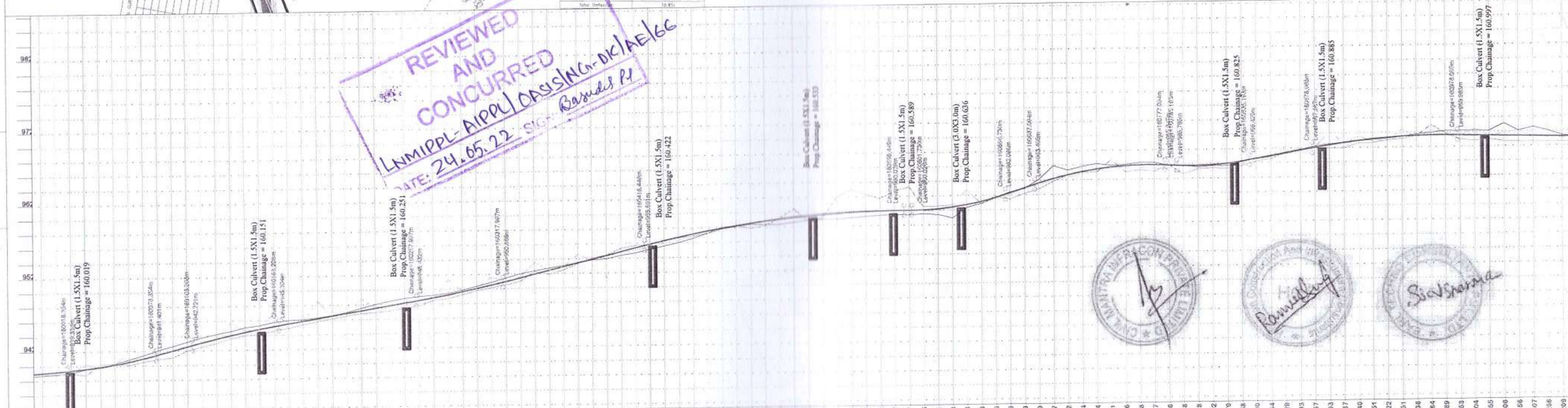
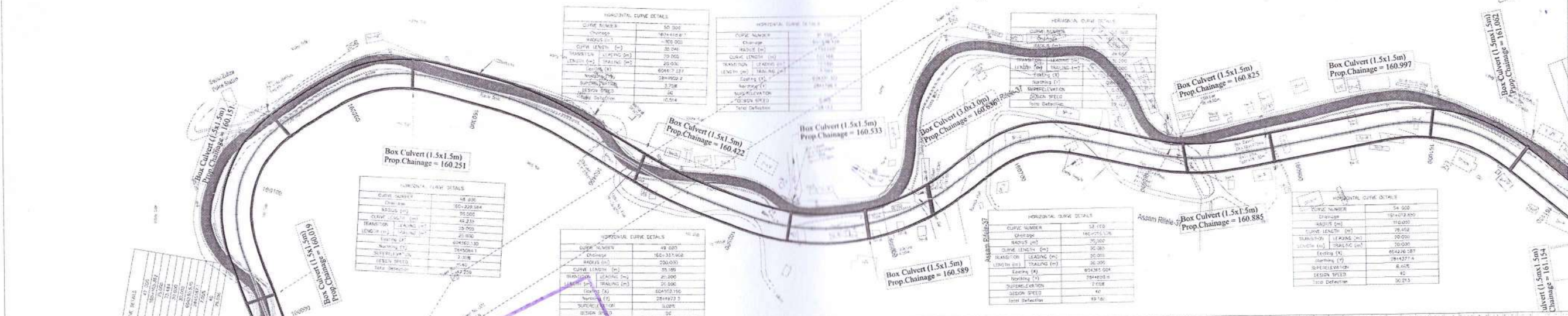
Client: NAGALAND HIGHWAYS AND TRANSPORT DEPARTMENT CORPORATION LTD.
Authority: NAGALAND STATE PROJECT PVT LTD IN ASSOCIATION WITH ASSISTANT ENGINEER, STATE PROJECT PVT LTD.
Contractor: GMS PROJECTS LIMITED
Proof Consultant: HCC
Design Consultant: CIVIL MANTRA INFRACON PVT LTD
Safety Consultant: EARL TECHNO CONSULTANTS PVT LTD
Project: Balance Work For Four Laning divided Project Highway of Existing Dimapur - Kohima Road on EPC basis starts from design 152.490 to km. 166.700 (Design Length 14.210 Km) (Existing km. 166.000 to km. 172.900. Length 16.900 Km) of NH-39 (New Km. is NH-129) in the state of Nagaland.
Drawing Title: PLAN & PROFILE FOR Km. 159.000 to km. 160.500
Scale: AS SHOWN PAPER SIZE: A3
DRG. NO. CIPL/D1096/HWDWG/P&P/ 008
DATE: MAY 2022
REV: R1
DESIGNED: MS DRAWN: VK CHECKED: AK APPROVED: SM

LEGEND:

- PLAN
- EXISTING
- CARRIAGE WAY LEFT
- CENTRE/RIGHT
- PUCCA ROAD
- KACHA ROAD
- BRICK ROAD
- ELECTRIC POST
- TELEPHONE POST
- TRANSFORMER
- TREES
- PALM TREE
- NALA
- DRAIN
- FEENCE LINE
- ELECTRIC LINE 40V
- ELECTRIC LINE 11KV
- GPS TRAVERSE STATION
- TRAVERSE STATION
- SUB TRAVERSE STATION
- KILOMETRE POST
- OPTICAL FIBER CABLE PILLAR
- TBM
- WATER TAP
- TUBE WELL
- SHOULDER LEFT / RIGHT
- HILL LINE
- VALLEY LINE
- WALL/BOUNDARY WALL
- PUCCA BUILDING
- SEMI PUCCA BUILDING
- KACHA HOUSE/TEMPORARY HUT
- CULVERT/ BRIDGE
- RAIN CUT
- WATER PIPE LINE
- BOUNDARY WALL
- RELIGIOUS STRUCTURE
- RIVER EDGE
- PASSENGER SHED
- PLANTATION
- PLAT FORM
- TEA GARDEN
- POND
- DITCH
- FOREST BOUNDARY
- BANJAN TREE / PIPLE TREE
- EMBANKMENT
- FOOTPATH
- GATE
- PUCCA WELL
- HUT COMMERCIAL/RESIDENTIAL
- SEMI PERM. RESIDENTIAL
- PERMANENT RESIDENTIAL
- UNDER CONSTRUCTION
- SEMI PERM. COMMERCIAL
- PERMANENT COMMERCIAL

← DIMAPUR

KOHIMA →



REVIEWED
AND
CONCURRED
DATE: 24.05.22
SIGNED: Basud P.

CHAINAGE	FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m. LHS OFFSET FROM CL	LEVEL AT 10m. RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation
160000	938.044	938.781	938.714	938.927			
160010	938.202	938.054	938.818	938.873			
160020	939.361	939.082	939.054	939.955			
160030	939.560	940.181	939.536	940.202			
160040	940.145	940.081	940.276	940.311			
160050	940.531	942.123	940.841	940.098			
160060	940.979	943.071	941.432	940.504			
160070	941.489	943.071	942.077	940.850			
160080	942.020	943.071	942.632	941.070			
160090	942.551	943.071	943.190	941.998			
160100	943.071	943.071	943.750	942.504			
160110	943.566	943.071	944.309	943.009			
160120	944.046	943.071	944.868	943.609			
160130	944.546	943.071	945.427	944.189			
160140	945.046	943.071	945.986	944.837			
160150	945.546	943.071	946.545	945.529			
160160	946.046	943.071	947.104	946.188			
160170	946.546	943.071	947.663	946.848			
160180	947.046	943.071	948.222	947.507			
160190	947.546	943.071	948.781	948.166			
160200	948.046	943.071	949.340	948.825			
160210	948.546	943.071	949.899	949.484			
160220	949.046	943.071	950.458	950.143			
160230	949.546	943.071	951.017	950.802			
160240	950.046	943.071	951.576	951.461			
160250	950.546	943.071	952.135	952.120			
160260	951.046	943.071	952.694	952.779			
160270	951.546	943.071	953.253	953.438			
160280	952.046	943.071	953.812	954.097			
160290	952.546	943.071	954.371	954.756			
160300	953.046	943.071	954.930	955.415			
160310	953.546	943.071	955.489	956.074			
160320	954.046	943.071	956.048	956.733			
160330	954.546	943.071	956.607	957.392			
160340	955.046	943.071	957.166	958.051			
160350	955.546	943.071	957.725	958.710			
160360	956.046	943.071	958.284	959.369			
160370	956.546	943.071	958.843	960.028			
160380	957.046	943.071	959.402	960.687			
160390	957.546	943.071	959.961	961.346			
160400	958.046	943.071	960.520	962.005			
160410	958.546	943.071	961.079	962.664			
160420	959.046	943.071	961.638	963.323			
160430	959.546	943.071	962.197	963.982			
160440	960.046	943.071	962.756	964.641			
160450	960.546	943.071	963.315	965.300			
160460	961.046	943.071	963.874	965.959			
160470	961.546	943.071	964.433	966.618			
160480	962.046	943.071	964.992	967.277			
160490	962.546	943.071	965.551	967.936			
160500	963.046	943.071	966.110	968.595			
160510	963.546	943.071	966.669	969.254			
160520	964.046	943.071	967.228	969.913			
160530	964.546	943.071	967.787	970.572			
160540	965.046	943.071	968.346	971.231			
160550	965.546	943.071	968.905	971.890			
160560	966.046	943.071	969.464	972.549			
160570	966.546	943.071	970.023	973.208			
160580	967.046	943.071	970.582	973.867			
160590	967.546	943.071	971.141	974.526			
160600	968.046	943.071	971.700	975.185			
160610	968.546	943.071	972.259	975.844			
160620	969.046	943.071	972.818	976.503			
160630	969.546	943.071	973.377	977.162			
160640	970.046	943.071	973.936	977.821			
160650	970.546	943.071	974.495	978.480			
160660	971.046	943.071	975.054	979.139			
160670	971.546	943.071	975.613	979.798			
160680	972.046	943.071	976.172	980.457			
160690	972.546	943.071	976.731	981.116			
160700	973.046	943.071	977.290	981.775			
160710	973.546	943.071	977.849	982.434			
160720	974.046	943.071	978.408	983.093			
160730	974.546	943.071	978.967	983.752			
160740	975.046	943.071	979.526	984.411			
160750	975.546	943.071	980.085	985.070			
160760	976.046	943.071	980.644	985.729			
160770	976.546	943.071	981.203	986.388			
160780	976.946	943.071	981.762	987.047			
160790	977.346	943.071	982.321	987.706			
160800	977.746	943.071	982.880	988.365			
160810	978.146	943.071	983.439	989.024			
160820	978.546	943.071	983.998	989.683			
160830	979.046	943.071	984.557	990.342			
160840	979.446	943.071	985.116	991.001			
160850	979.846	943.071	985.675	991.660			
160860	980.246	943.071	986.234	992.319			
160870	980.646	943.071	986.793	992.978			
160880	981.046	943.071	987.352	993.637			
160890	981.446	943.071	987.911	994.296			
160900	981.846	943.071	988.470	994.955			
160910	982.246	943.071	989.029	995.614			
160920	982.646	943.071	989.588	996.273			
160930	983.046	943.071	990.147	996.932			
160940	983.446	943.071	990.706	997.591			
160950	983.846	943.071	991.265	998.250			
160960	984.246	943.071	991.824	998.909			
160970	984.646	943.071	992.383	999.568			
160980	985.046	943.071	992.942	1000.227			
160990	985.446	943.071	993.501	1000.886			
161000	985.846	943.071	994.060	1001.545			

CLIENT:
NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

AUTHORITY:
MUMBAI METRO RAIL PROJECT PVT. LTD. IN ASSOCIATION WITH ASSI (INDIA) INFRASTRUCTURE DEVELOPMENT PVT. LTD.

CONTRACTOR:
GAS PROJECTS LIMITED

PROOF CONSULTANT:
HCC
HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS

DESIGN CONSULTANT:
CIVIL MANTRA INFRACON PVT. LTD.

SAFETY CONSULTANT:
EARL TECHNO CONSULTANTS PVT. LTD.

PROJECT:
Balance Work For Four Laning divided Project Highway of Existing Dimapur - Kohima Road on EPC basis starts from design 132.450 to km. 160.700 (Design Length 14.210 Kms) (Existing km. 136.000 to km. 172.900 Length 16.900 Kms) of NH 39 (New No. is NH - 29) in the state of Nagaland.

DRAWING TITLE:
PLAN & PROFILE FROM Km. 160.000 to km. 161.050

DRG. NO. CI/PD/1096/HW/DWG/P&P/ 009
DATE: MAY 2022
DESIGNED: MS
DRAWN: VK
CHECKED: AK
REV: R1
APPROVED: SM

LEGEND:

- PLAN EXISTING
CARRIAGE WAY LEFT/ CENTRE RIGHT
PUCCA ROAD
KACHA ROAD
BRICK ROAD
ELECTRIC POST
TELEPHONE POST
TRANSFORMER
TREES
PALM TREE
NALA
DRAIN
FENCE LINE
ELECTRIC LINE 400V
ELECTRIC LINE 11KV
GPS TRAVERSE STATION
TRAVERSE STATION
SUB TRAVERSE STATION
KILOMETRE POST
OPTICAL FIBER CABLE PILLAR
TBM
WATER TAP
TUBE WELL
SHOULDER LEFT / RIGHT
HILL LINE
VALLEY LINE
WALL/ BOUNDARY WALL
PUCCA BUILDING
SEMI PUCCA BUILDING
KACHA HOUSE/TEMPORARY HUT
CULVERT/ BRIDGE
RAIN CUT
WATER PIPE LINE
BOUNDARY WALL
RELIGIOUS STRUCTURE
RIVER EDGE
PASSENGER SHED
PLANTATION
FLAT FORM
TEA GARDEN
FOND
DITCH
FOREST BOUNDARY
BANYAN TREE / PIPPLE TREE
EMBANKMENT
FOOTPATH
GATE
PUCCA WELL
HUT COMMERCIAL/RESIDENTIAL
SEMI PERAL RESIDENTIAL
UNDER CONSTRUCTION
SEMI PERAL COMMERCIAL
PERMANENT COMMERCIAL

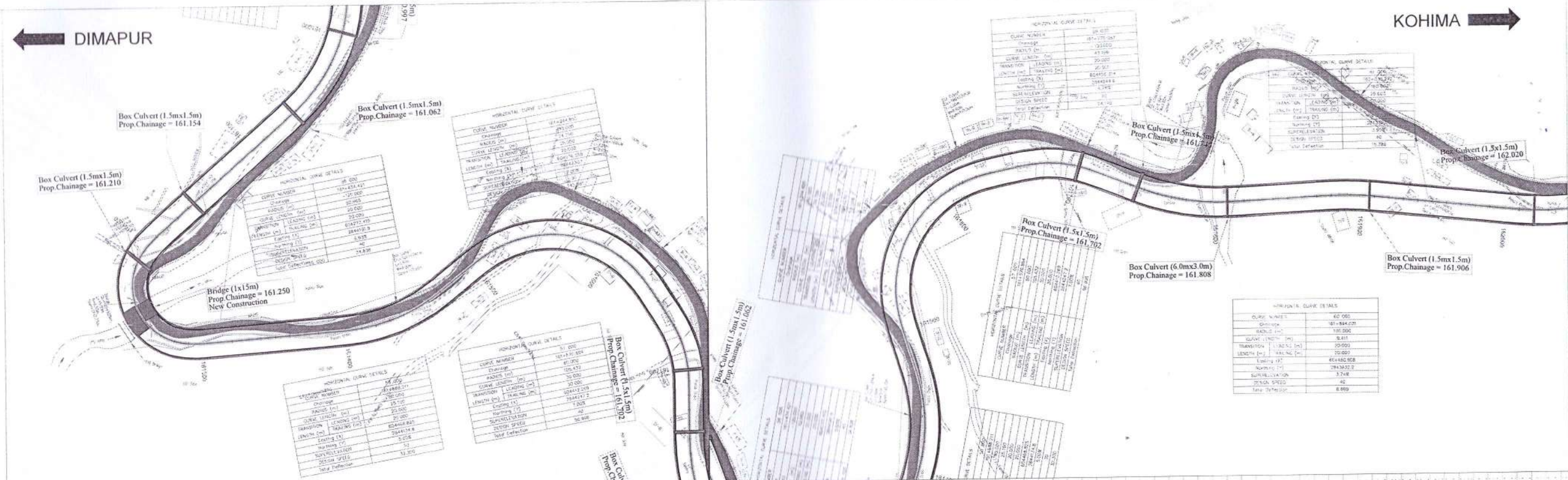


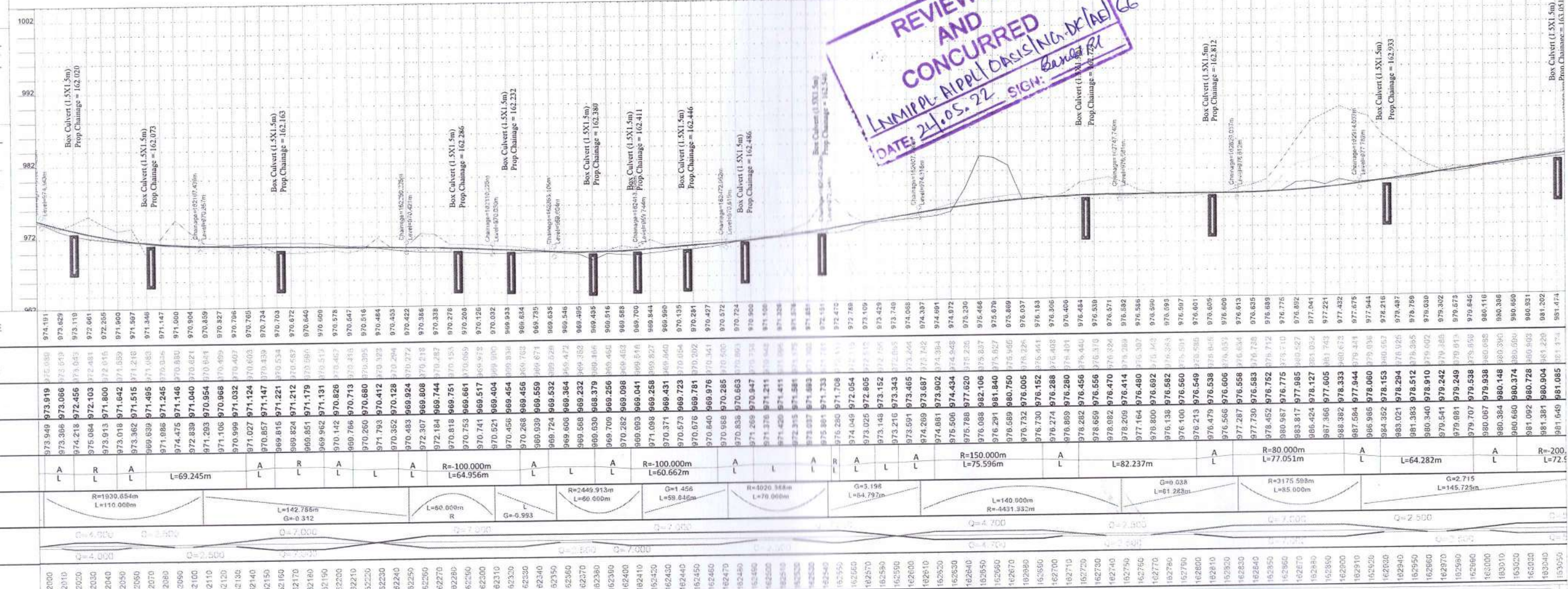
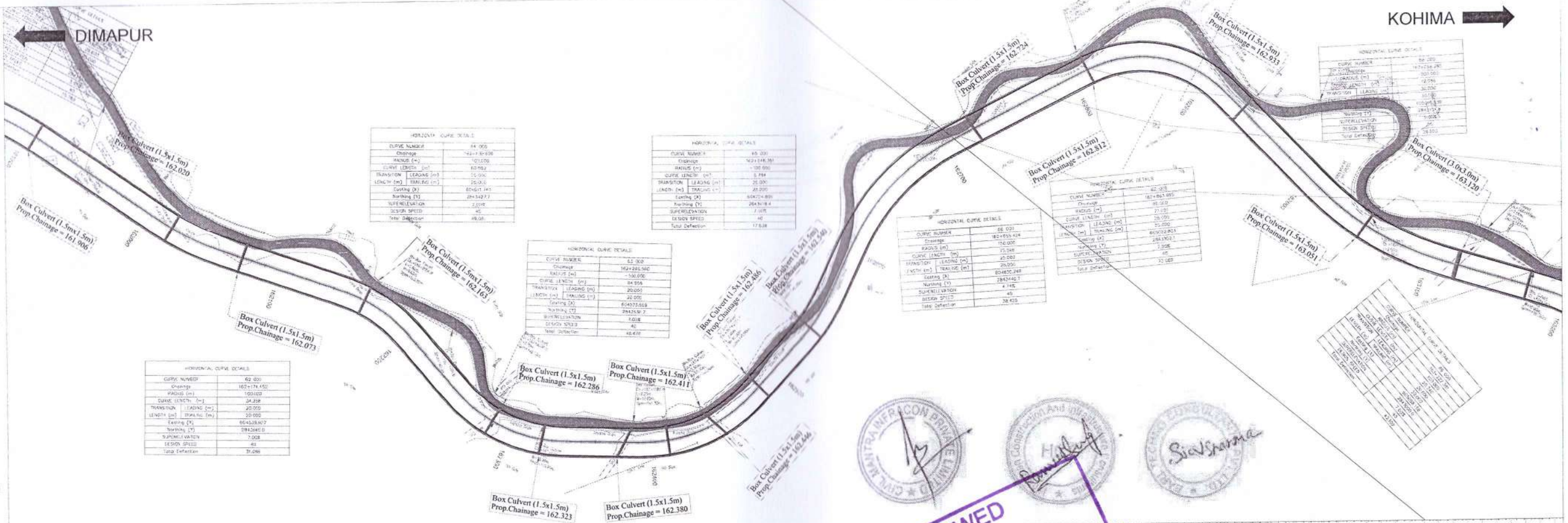
Table with 7 rows: FRL AT MEDIAN EDGE, GROUND LEVEL BELOW CENTER LINE, LEVEL AT 10m. LHS OFFSET FROM CL, LEVEL AT 10m. RHS OFFSET FROM CL, HORIZONTAL SCHEMATIC, VERTICAL SCHEMATIC, Superelevation, and CHAINAGE.

Project information including CLIENT (National Highways and Infrastructure Development Corporation Ltd), AUTHORITY, CONTRACTOR (GAS Projects Limited), PROOF CONSULTANT (HCC), DESIGN CONSULTANT (Civil Mantra Infracon Pvt Ltd), SAFETY CONSULTANT (Earl Techno Consultants Pvt Ltd), PROJECT description, DRAWING TITLE (Plan & Profile from Km. 161.000 to km. 162.000), DATE (May 2022), and DRG. NO. CIPL/D/1096/H/W/DWG/P&P/ 010.

LEGEND:

- PLAN
- EXISTING
- CARRIAGE WAY LEFT/ CENTRE/RIGHT
- KUCHA ROAD
- KACHA ROAD
- BRICK ROAD
- ELECTRIC POST
- TELEPHONE POST
- TRANSFORMER
- TREES
- PALM TREE
- NALA
- DRAIN
- FENCE LINE
- ELECTRIC LINE 440V
- ELECTRIC LINE 11KV
- GPS TRAVERSE STATION
- TRAVERSE STATION
- SUB TRAVERSE STATION
- KILOMETRE POST
- OPTICAL FIBER CABLE PILLAR
- TM
- WATER TAP
- TUBE WELL
- SHOULDER LEFT / RIGHT
- HILL LINE
- VALLEY LINE
- WALL/ BOUNDARY WALL
- PUCCA BUILDING
- SEMI PUCCA BUILDING
- KACHA HOUSE/TEMPORARY HUT
- CULVERT BRIDGE
- RAIN CUT
- WATER PIPE LINE
- BOUNDARY WALL
- RELIGIOUS STRUCTURE
- RIVER EDGE
- PASSENGER SHED
- PLANTATION
- PLAT FORM
- TEA GARDEN
- POND
- DITCH
- FOREST BOUNDARY
- BANYAN TREE / PIPPLE TREE
- EMBANKMENT
- FOOTPATH
- GATE
- PUCCA WELL
- SEMI COMMERCIAL/RESIDENTIAL
- SEMI PERM. RESIDENTIAL
- PERMANENT RESIDENTIAL
- UNDER CONSTRUCTION
- SEMI PERM. COMMERCIAL
- PERMANENT COMMERCIAL

- PROFILES**
- TOE LINE
 - C/W EDGE
 - CEN. LINE
 - ROW
 - HORIZONTAL TANGENT POINT
- PROFILE**
- PROP. LEVEL
 - EXIST. ROAD LVL
 - ALONG PROP. CL
 - EXIST. LEVEL AT 10M LEFT
 - EXIST. LEVEL AT 10M RIGHT



REV	DATE	DESCRIPTION	A	B	C	D
R1	MAY 2022	REVISED AS PER SITE				
R0	MAY 2022	SUBMISSION OF PLAN & PROFILE				

CLIENT

NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

AUTHORITY

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
NATIONAL HIGHWAY AUTHORITY

CONTRACTOR

GMS PROJECTS LIMITED

PROOF CONSULTANT

HCC
HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS

DESIGN CONSULTANT

CIVIL MANTRA INFRASTRUCTURE PVT. LTD.

SAFETY CONSULTANT

EARL TECHNO CONSULTANTS PVT. LTD.

PROJECT
Balance Work For Four Lanes divided Project Highway of Existing Design - Kohima Road on EPC basis starts from design 152.490 to km. 166.700 (Design Length 14.210 Km) (Existing km. 156.000 to km. 172.000). Length 16.000 Km) of NH-30 (New Km. 161-23) in the state of Nagaland.

DRAWING TITLE
PLAN & PROFILE FROM Km. 162.000 to km. 163.050

DATE: MAY 2022

SCALE: AS SHOWN PAPER SIZE: A3

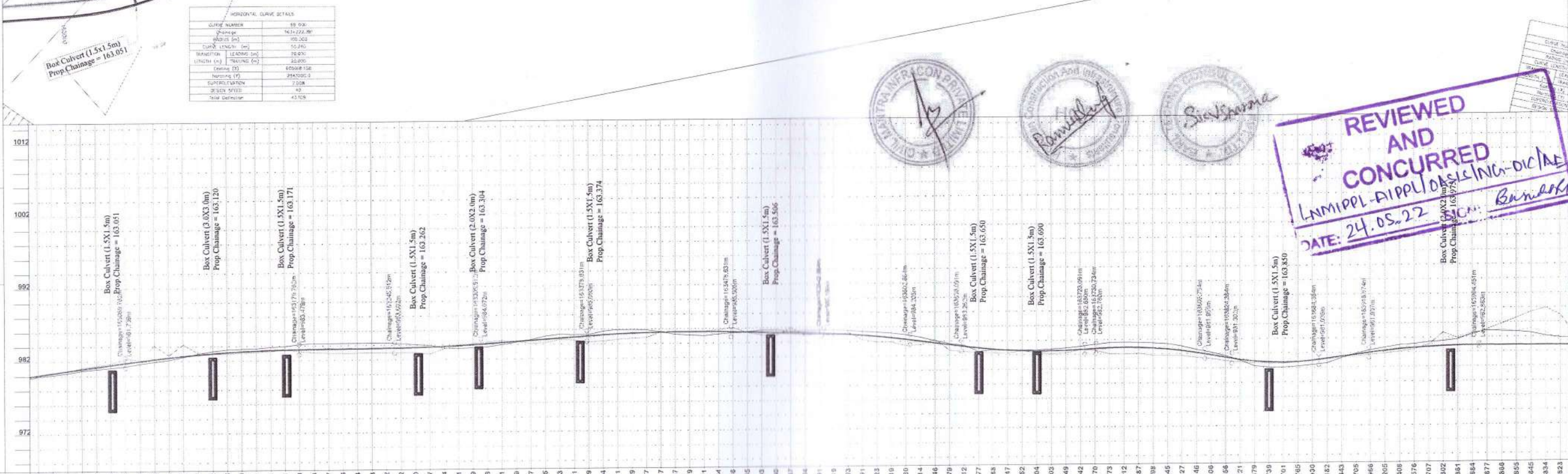
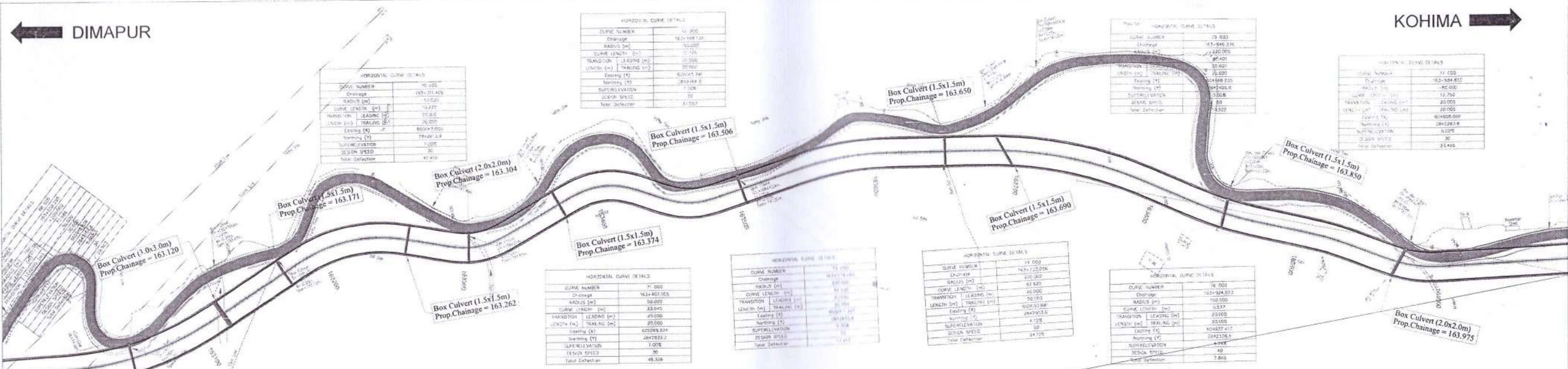
DRG. NO. CI/PL/D/1096/H/W/DWG/P&P/ 011

DESIGNED	DRAWN	CHECKED	APPROVED
MS	VK	AK	SM

REV: R1

LEGEND:

- FLASH
- EXISTING
- CARRIAGE WAY LEFT/ CENTRE/RIGHT
- PUCCA ROAD
- KACHA ROAD
- BRICK ROAD
- ELECTRIC POST
- TELEPHONE POST
- TRANSFORMER
- TREES
- PALM TREE
- NALA
- DRAIN
- FENCE LINE
- ELECTRIC LINE 440V
- ELECTRIC LINE 11KV
- GPS TRAVERSE STATION
- TRAVERSE STATION
- SUB TRAVERSE STATION
- KILOMETRE POST
- OPTICAL FIBER CABLE PILLAR
- TM
- WATER TAP
- TUBE WELL
- SHOULDER LEFT / RIGHT
- HILL LINE
- VALLEY LINE
- WALL/ BOUNDARY WALL
- PUCCA BUILDING
- SEMI PUCCA BUILDING
- KACHA HOUSE/TEMPORARY HUT
- CULVERT/ BRIDGE
- RAIN CUT
- WATER PIPE LINE
- BOUNDARY WALL
- RELIGIOUS STRUCTURE
- RIVER EDGE
- PASSENGER SHED
- PLANTATION
- PLAT FORM
- TEA GARDEN
- POND
- DITCH
- FOREST BOUNDARY
- BANYAN TREE / PIPLE TREE
- EMBANKMENT
- FOOTPATH
- GATE
- PUCCA WELL
- HUT COMMERCIAL/RESIDENTIAL
- SEMI PERM. RESIDENTIAL
- PERMANENT RESIDENTIAL
- UNDER CONSTRUCTION
- SEMI PERM. COMMERCIAL
- PERMANENT COMMERCIAL



STATION	FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m LHS OFFSET FROM CL	LEVEL AT 10m RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation	CHAINAGE
163.000	980.116	980.032	980.087	979.938	A	L=120.000m R=4745.649m	Q=5.000	163000
163.010	980.385	980.380	980.384	980.148	R=200.000m L=72.986m		Q=2.500	163010
163.020	980.650	980.650	980.650	980.374	A		Q=7.000	163020
163.030	980.915	980.915	980.915	980.603	L=49.982m		Q=2.000	163030
163.040	981.180	981.180	981.180	980.904	R=100.000m L=55.240m		Q=7.000	163040
163.050	981.445	981.445	981.445	981.220	A		Q=5.000	163050
163.060	981.710	981.710	981.710	981.525	L=36.437m		Q=7.000	163060
163.070	981.975	981.975	981.975	981.830	A		Q=5.000	163070
163.080	982.240	982.240	982.240	982.135	R=200.000m L=42.530m		Q=7.000	163080
163.090	982.505	982.505	982.505	982.440	A		Q=5.000	163090
163.100	982.770	982.770	982.770	982.745	L=41.274m		Q=7.000	163100
163.110	983.035	983.035	983.035	983.040	A		Q=5.000	163110
163.120	983.300	983.300	983.300	983.345	R=200.000m L=45.771m		Q=7.000	163120
163.130	983.565	983.565	983.565	983.640	A		Q=5.000	163130
163.140	983.830	983.830	983.830	983.915	L=45.771m		Q=7.000	163140
163.150	984.095	984.095	984.095	984.200	A		Q=5.000	163150
163.160	984.360	984.360	984.360	984.505	R=270.000m L=93.920m		Q=7.000	163160
163.170	984.625	984.625	984.625	984.800	A		Q=5.000	163170
163.180	984.890	984.890	984.890	985.075	L=45.771m		Q=7.000	163180
163.190	985.155	985.155	985.155	985.360	A		Q=5.000	163190
163.200	985.420	985.420	985.420	985.665	R=200.000m L=75.000m		Q=7.000	163200
163.210	985.685	985.685	985.685	985.970	A		Q=5.000	163210
163.220	985.950	985.950	985.950	986.275	L=75.000m R=2770.019m		Q=7.000	163220
163.230	986.215	986.215	986.215	986.580	A		Q=5.000	163230
163.240	986.480	986.480	986.480	986.885	L=45.771m		Q=7.000	163240
163.250	986.745	986.745	986.745	987.190	A		Q=5.000	163250
163.260	987.010	987.010	987.010	987.495	R=200.000m L=75.000m		Q=7.000	163260
163.270	987.275	987.275	987.275	987.800	A		Q=5.000	163270
163.280	987.540	987.540	987.540	988.105	L=45.771m		Q=7.000	163280
163.290	987.805	987.805	987.805	988.410	A		Q=5.000	163290
163.300	988.070	988.070	988.070	988.715	R=200.000m L=75.000m		Q=7.000	163300
163.310	988.335	988.335	988.335	989.020	A		Q=5.000	163310
163.320	988.600	988.600	988.600	989.325	L=45.771m		Q=7.000	163320
163.330	988.865	988.865	988.865	989.630	A		Q=5.000	163330
163.340	989.130	989.130	989.130	989.935	R=200.000m L=75.000m		Q=7.000	163340
163.350	989.395	989.395	989.395	990.240	A		Q=5.000	163350
163.360	989.660	989.660	989.660	990.545	L=45.771m		Q=7.000	163360
163.370	989.925	989.925	989.925	990.850	A		Q=5.000	163370
163.380	990.190	990.190	990.190	991.155	R=200.000m L=75.000m		Q=7.000	163380
163.390	990.455	990.455	990.455	991.460	A		Q=5.000	163390
163.400	990.720	990.720	990.720	991.765	L=45.771m		Q=7.000	163400
163.410	991.035	991.035	991.035	992.070	A		Q=5.000	163410
163.420	991.300	991.300	991.300	992.375	R=200.000m L=75.000m		Q=7.000	163420
163.430	991.565	991.565	991.565	992.680	A		Q=5.000	163430
163.440	991.830	991.830	991.830	992.985	L=45.771m		Q=7.000	163440
163.450	992.095	992.095	992.095	993.290	A		Q=5.000	163450
163.460	992.360	992.360	992.360	993.595	R=200.000m L=75.000m		Q=7.000	163460
163.470	992.625	992.625	992.625	993.900	A		Q=5.000	163470
163.480	992.890	992.890	992.890	994.205	L=45.771m		Q=7.000	163480
163.490	993.155	993.155	993.155	994.510	A		Q=5.000	163490
163.500	993.420	993.420	993.420	994.815	R=200.000m L=75.000m		Q=7.000	163500

REVIEWED AND CONCURRED
 LAMPPL APPLD/SLS/NG-DIC/AD 66
 DATE: 24.05.22
 Banerjee

REV	DATE	DESCRIPTION
R1	MAY 2022	REVISED AS PER SITE
R0	MAY 2022	SUBMISSION OF PLAN & PROFILE

CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

AUTHORITY: QUALITY INFRA PROJECT PVT LTD.

CONTRACTOR: GAMES PROJECTS LIMITED

PROOF CONSULTANT: HCC (HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS)

DESIGN CONSULTANT: CIVIL MANTRA INFRACON PVT LTD.

SAFETY CONSULTANT: EARL TECHNO CONSULTANTS PVT. LTD.

PROJECT: Balance Work For Four Laning divided Project Highway of Existing Dimapur - Kohima Road on EPC basis starts from design 152.490 to km. 166.700 (Design Length 142.210 Kms) (Existing km. 156.000 to km. 172.900). Length 16.900 Kms of NH 39 (New No. is NH - 29) in the state of Nagaland.

DRAWING TITLE: PLAN & PROFILE FROM Km. 163.000 to km. 164.050

SCALE: AS SHOWN | PAPER SIZE: A3

DESIGNED	DRAWN	CHECKED	APPROVED
MS	VK	AK	SM

DRG. NO. CIPL/D/1096/H/W/DWG/P&P/012
 DATE: MAY 2022
 REV: R1

LEGEND:

- PLAN
EXISTING
CARRIAGE WAY LEFT
CENTRE/RIGHT
PCCO ROAD
BRICK ROAD
ELECTRIC POST
TELEPHONE POST
TRANSFORMER
TREES
PALM TREE
NALA
DRAIN
FENCE LINE
ELECTRIC LINE 40V
ELECTRIC LINE 11KV
OPS TRAVERSE STATION
TRAVERSE STATION
SUB TRAVERSE STATION
KILOMETRE POST
OPTICAL FIBER CABLE PILLAR
TBM
WATER TAP
TUBE WELL
SHOULDER LEFT / RIGHT
HILL LINE
VALLEY LINE
WALL / BOUNDARY WALL
PUCCA BUILDING
SEMI PUCCA BUILDING
KACHA HOUSE/TEMPORARY HUT
CULVERT BRIDGE
RAIN CUT
WATER PIPE LINE
BOUNDARY WALL
RELIGIOUS STRUCTURE
RIVER EDGE
PASSENGER SHED
PLANTATION
PLATFORM
TEA GARDEN
POND
DITCH
FOREST BOUNDARY
BANYAN TREE / PIPLE TREE
EMBANKMENT
FOOTPATH
GATE
PUCCA WELL
HUT COMMERCIAL/RESIDENTIAL
SEMI PERM. RESIDENTIAL
PERMANENT RESIDENTIAL
UNDER CONSTRUCTION
SEMI PERM. COMMERCIAL
PERMANENT COMMERCIAL

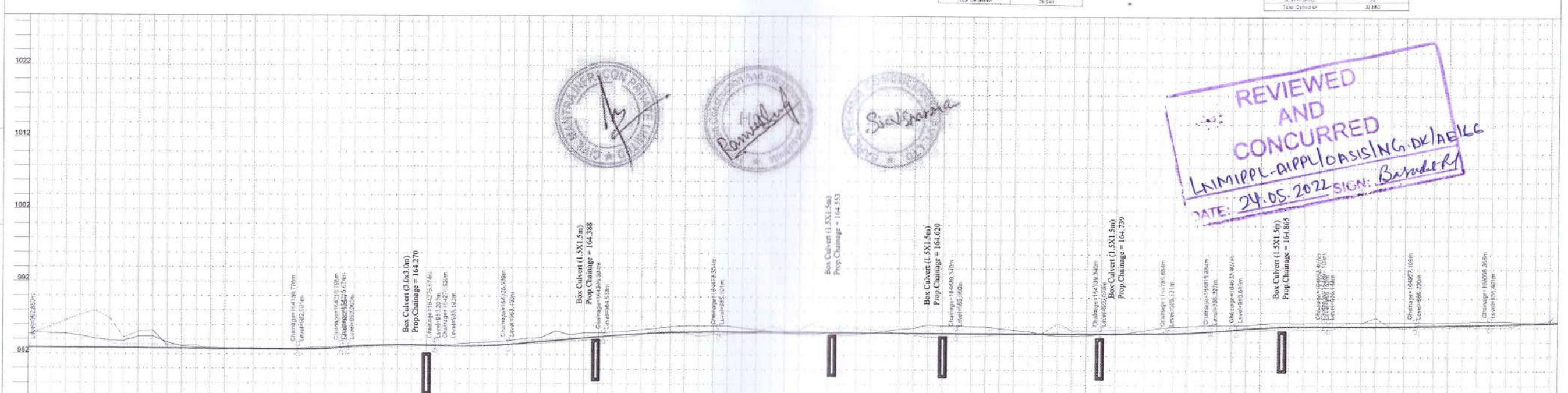
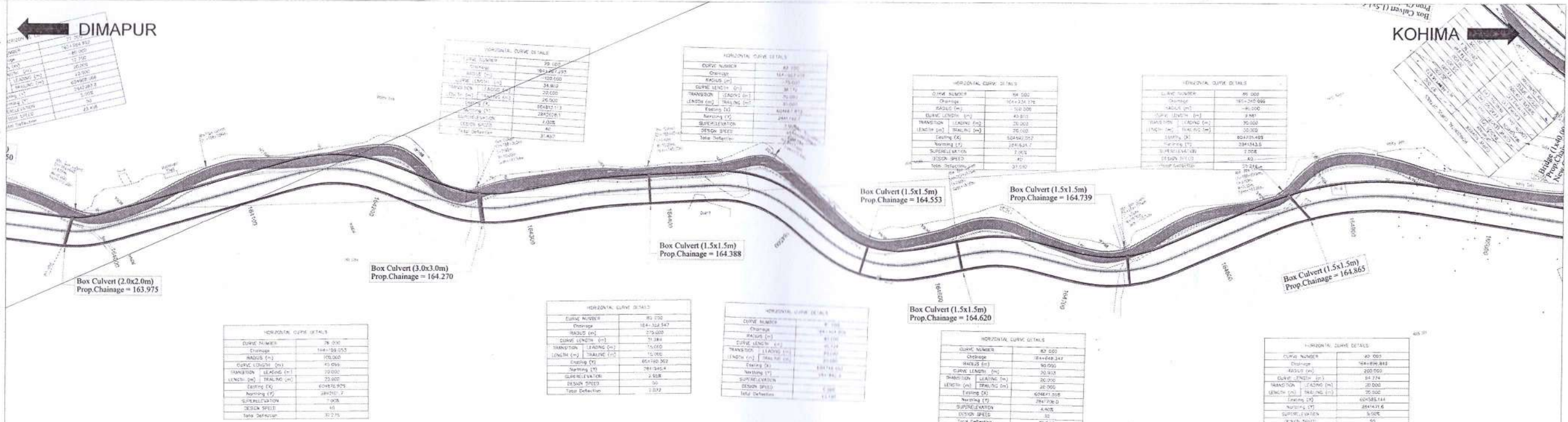
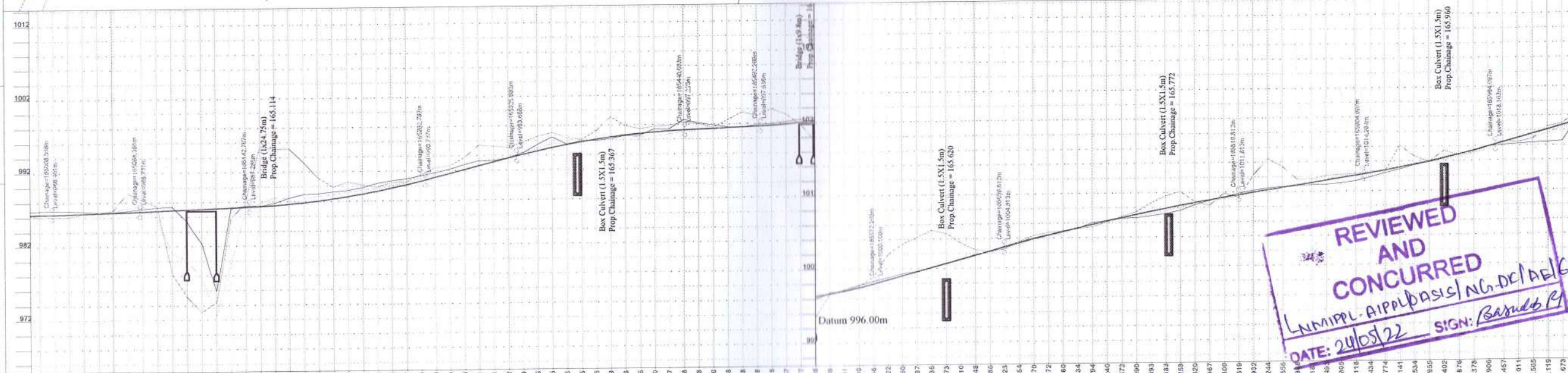
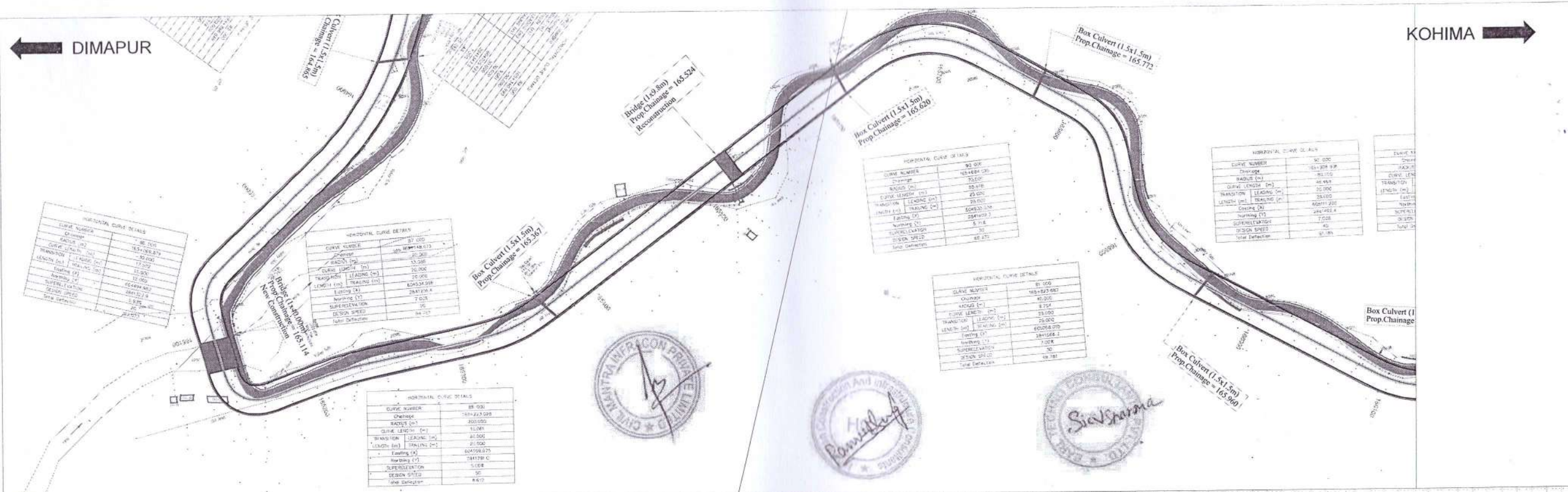


Table with 7 columns: FRL AT MEDIAN EDGE, GROUND LEVEL BELOW CENTER LINE, LEVEL AT 10m. LHS OFFSET FROM CL, LEVEL AT 10m. RHS OFFSET FROM CL, HORIZONTAL SCHEMATIC, VERTICAL SCHEMATIC, Superelevation, CHAINAGE. Contains detailed engineering data for the road project.

REVIEWED AND CONCURRED
L.N.MIPPL-APP/ASISNG-DE/AE/LG
DATE: 24.05.2022 SIGN: Basudhary

Project information block including Client (National Highways and Infrastructure Development Corporation Ltd), Authority (Mahatma Jyoti Bapu Project Pvt Ltd), Contractor (GASIS PROJECTS LIMITED), Proof Consultant (HCC), Design Consultant (CIVILMANTRA INFRACON PVT LTD), Safety Consultant (EARL TECHNO CONSULTANTS PVT LTD), and Drawing Title (PLAN & PROFILE FROM Km. 164.000 to km. 165.050).

- LEGEND:**
- PLAN
 - EXISTING
 - CARRIAGE WAY LEFT/ CENTRE/RIGHT
 - PUCCA ROAD
 - KACHA ROAD
 - BRICK ROAD
 - ELECTRIC POST
 - TELEPHONE POST
 - TRANSFORMER
 - TREES
 - PALM TREE
 - NALA
 - DRAIN
 - FENCE LINE
 - ELECTRIC LINE 40V
 - ELECTRIC LINE 11KV
 - GPS TRAVERSE STATION
 - TRAVERSE STATION
 - SUB TRAVERSE STATION
 - KILOMETRE POST
 - OPTICAL FIBER CABLE FILLAR
 - TBM
 - WATER TAP
 - TUBE WELL
 - SHOULDER LEFT/ RIGHT
 - HILL LINE
 - VALLEY LINE
 - WALL/BOUNDARY WALL
 - PUCCA BUILDING
 - SEMI PUCCA BUILDING
 - KACHA HOUSE/TEMPORARY HUT
 - CULVERT/ BRIDGE
 - RAIN CUT
 - WATER PIPE LINE
 - BOUNDARY WALL
 - RELIGIOUS STRUCTURE
 - RIVER EDGE
 - PASSENGER SHED
 - PLANTATION
 - PLAT FORM
 - TEA GARDEN
 - POND
 - DITCH
 - FOREST BOUNDARY
 - BANYAN TREE/ PIPEL TREE
 - EMBANKMENT
 - FOOTPATH
 - GATE
 - PUCCA WELL
 - HUT COMMERCIAL/RESIDENTIAL
 - SEMI PERM. RESIDENTIAL
 - PERMANENT RESIDENTIAL
 - UNDER CONSTRUCTION
 - SEMI PERM. COMMERCIAL
 - PERMANENT COMMERCIAL



CHAINAGE	FRL AT MEDIAN EDGE	GROUND LEVEL BELOW CENTER LINE	LEVEL AT 10m, LHS OFFSET FROM CL	LEVEL AT 10m, RHS OFFSET FROM CL	HORIZONTAL SCHEMATIC	VERTICAL SCHEMATIC	Superelevation
165000	986.374	986.206	986.853	986.026	81.892m	R=80.000m	q=5.500
165010	986.407	986.634	986.902	986.064	A	q=7.000	q=5.500
165020	986.447	986.452	986.854	986.466	L=58.110m	L=74.402m	q=7.000
165030	986.493	986.496	986.778	986.466	A	q=5.000	q=7.000
165040	986.546	986.575	986.646	986.533	L=123.885m	R=217.743m	q=5.000
165050	986.605	986.617	986.669	986.599	A	L=120.000m	q=7.000
165060	986.671	986.684	986.736	986.620	A	R=115.908m	q=5.000
165070	986.743	986.759	986.811	986.689	A	R=273.429m	q=7.000
165080	986.818	986.835	986.887	986.749	A	q=5.000	q=7.000
165090	986.893	986.910	986.959	986.811	A	q=7.000	q=5.000
165100	986.967	986.984	987.033	986.879	A	q=5.000	q=7.000
165110	987.042	987.059	987.108	986.947	A	q=7.000	q=5.000
165120	987.116	987.133	987.182	987.015	A	q=5.000	q=7.000
165130	987.191	987.208	987.257	987.083	A	q=7.000	q=5.000
165140	987.266	987.283	987.332	987.151	A	q=5.000	q=7.000
165150	987.340	987.357	987.406	987.219	A	q=7.000	q=5.000
165160	987.415	987.432	987.481	987.287	A	q=5.000	q=7.000
165170	987.490	987.507	987.556	987.355	A	q=7.000	q=5.000
165180	987.564	987.581	987.630	987.423	A	q=5.000	q=7.000
165190	987.639	987.656	987.705	987.491	A	q=7.000	q=5.000
165200	987.713	987.730	987.779	987.559	A	q=5.000	q=7.000
165210	987.788	987.805	987.854	987.627	A	q=7.000	q=5.000
165220	987.862	987.879	987.928	987.695	A	q=5.000	q=7.000
165230	987.937	987.954	988.003	987.763	A	q=7.000	q=5.000
165240	988.011	988.028	988.087	987.831	A	q=5.000	q=7.000
165250	988.086	988.103	988.162	987.899	A	q=7.000	q=5.000
165260	988.160	988.177	988.236	987.967	A	q=5.000	q=7.000
165270	988.235	988.252	988.317	988.035	A	q=7.000	q=5.000
165280	988.309	988.326	988.394	988.103	A	q=5.000	q=7.000
165290	988.384	988.401	988.469	988.171	A	q=7.000	q=5.000
165300	988.458	988.475	988.543	988.239	A	q=5.000	q=7.000
165310	988.533	988.550	988.618	988.307	A	q=7.000	q=5.000
165320	988.607	988.624	988.692	988.375	A	q=5.000	q=7.000
165330	988.682	988.699	988.767	988.443	A	q=7.000	q=5.000
165340	988.756	988.773	988.844	988.511	A	q=5.000	q=7.000
165350	988.831	988.848	988.916	988.579	A	q=7.000	q=5.000
165360	988.905	988.922	988.990	988.647	A	q=5.000	q=7.000
165370	988.979	989.013	989.087	988.715	A	q=7.000	q=5.000
165380	990.000	990.034	990.108	988.783	A	q=5.000	q=7.000
165390	991.021	991.055	991.129	988.851	A	q=7.000	q=5.000
165400	992.042	992.076	992.150	988.919	A	q=5.000	q=7.000
165410	993.063	993.097	993.167	988.987	A	q=7.000	q=5.000
165420	994.084	994.118	994.188	989.055	A	q=5.000	q=7.000
165430	995.105	995.139	995.209	989.123	A	q=7.000	q=5.000
165440	996.126	996.160	996.230	989.191	A	q=5.000	q=7.000
165450	997.147	997.181	997.251	989.259	A	q=7.000	q=5.000
165460	998.168	998.202	998.272	989.327	A	q=5.000	q=7.000
165470	999.189	999.223	999.293	989.395	A	q=7.000	q=5.000
165480	1000.210	1000.244	1000.314	989.463	A	q=5.000	q=7.000
165490	1001.231	1001.265	1001.335	989.531	A	q=7.000	q=5.000
165500	1002.252	1002.286	1002.356	989.600	A	q=5.000	q=7.000
165510	1003.273	1003.307	1003.377	989.668	A	q=7.000	q=5.000
165520	1004.294	1004.328	1004.398	989.736	A	q=5.000	q=7.000
165530	1005.315	1005.349	1005.419	989.804	A	q=7.000	q=5.000
165540	1006.336	1006.370	1006.440	989.872	A	q=5.000	q=7.000
165550	1007.357	1007.391	1007.461	989.940	A	q=7.000	q=5.000
165560	1008.378	1008.412	1008.482	990.008	A	q=5.000	q=7.000
165570	1009.399	1009.433	1009.503	990.076	A	q=7.000	q=5.000
165580	1010.420	1010.454	1010.524	990.144	A	q=5.000	q=7.000
165590	1011.441	1011.475	1011.545	990.212	A	q=7.000	q=5.000
165600	1012.462	1012.496	1012.566	990.280	A	q=5.000	q=7.000
165610	1013.483	1013.517	1013.587	990.348	A	q=7.000	q=5.000
165620	1014.504	1014.538	1014.608	990.416	A	q=5.000	q=7.000
165630	1015.525	1015.559	1015.629	990.484	A	q=7.000	q=5.000
165640	1016.546	1016.580	1016.650	990.552	A	q=5.000	q=7.000
165650	1017.567	1017.601	1017.671	990.620	A	q=7.000	q=5.000
165660	1018.588	1018.622	1018.692	990.688	A	q=5.000	q=7.000
165670	1019.609	1019.643	1019.713	990.756	A	q=7.000	q=5.000
165680	1020.630	1020.664	1020.734	990.824	A	q=5.000	q=7.000
165690	1021.651	1021.685	1021.755	990.892	A	q=7.000	q=5.000
165700	1022.672	1022.706	1022.776	990.960	A	q=5.000	q=7.000

<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>R1</td> <td>MAY 2022</td> <td>REVISED AS PER SITE</td> </tr> <tr> <td>R0</td> <td>MAY 2022</td> <td>SUBMISSION OF PLAN & PROFILE</td> </tr> </table>	REV	DATE	DESCRIPTION	R1	MAY 2022	REVISED AS PER SITE	R0	MAY 2022	SUBMISSION OF PLAN & PROFILE	<p>CLIENT: NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.</p> <p>AUTHORITY: MAHARASHTRA INFRASTRUCTURE DEVELOPMENT AUTHORITY</p> <p>CONTRACTOR: G3RS PROJECTS LIMITED</p> <p>PROOF CONSULTANT: HCC HINDUSTAN CONSTRUCTION & INFRASTRUCTURE CONSULTANTS</p> <p>DESIGN CONSULTANT: CIVIL MANTRA INFRACON PVT LTD</p> <p>SAFETY CONSULTANT: EARL TECHNO CONSULTANTS PVT. LTD</p> <p>PROJECT: Balance Work For Four Laned divided Project Highway of Existing Dimapur - Kohima Road on EPC basis starts from design 132.400 to km. 166.700. Design Length 14.210 Kms (Existing km. 156.000 to km. 172.900 Length 16.900 Kms) of NH-39 (New No. is NH-129 in the state of Nagaland.</p> <p>DRAWING TITLE: PLAN & PROFILE FROM Km. 165.000 to km. 166.050</p> <p>DATE: MAY 2022</p> <p>SCALE: AS SHOWN PAPER SIZE: A3</p>	<table border="1"> <tr> <td>DESIGNED: MS</td> <td>DRAWN: VK</td> <td>CHECKED: AK</td> <td>APPROVED: SM</td> </tr> <tr> <td colspan="2">DRG. NO. CIPLD/1096/HW/DWGP/P&P/014</td> <td>DATE: MAY 2022</td> <td>REV: R1</td> </tr> </table>	DESIGNED: MS	DRAWN: VK	CHECKED: AK	APPROVED: SM	DRG. NO. CIPLD/1096/HW/DWGP/P&P/014		DATE: MAY 2022	REV: R1
REV	DATE	DESCRIPTION																	
R1	MAY 2022	REVISED AS PER SITE																	
R0	MAY 2022	SUBMISSION OF PLAN & PROFILE																	
DESIGNED: MS	DRAWN: VK	CHECKED: AK	APPROVED: SM																
DRG. NO. CIPLD/1096/HW/DWGP/P&P/014		DATE: MAY 2022	REV: R1																

