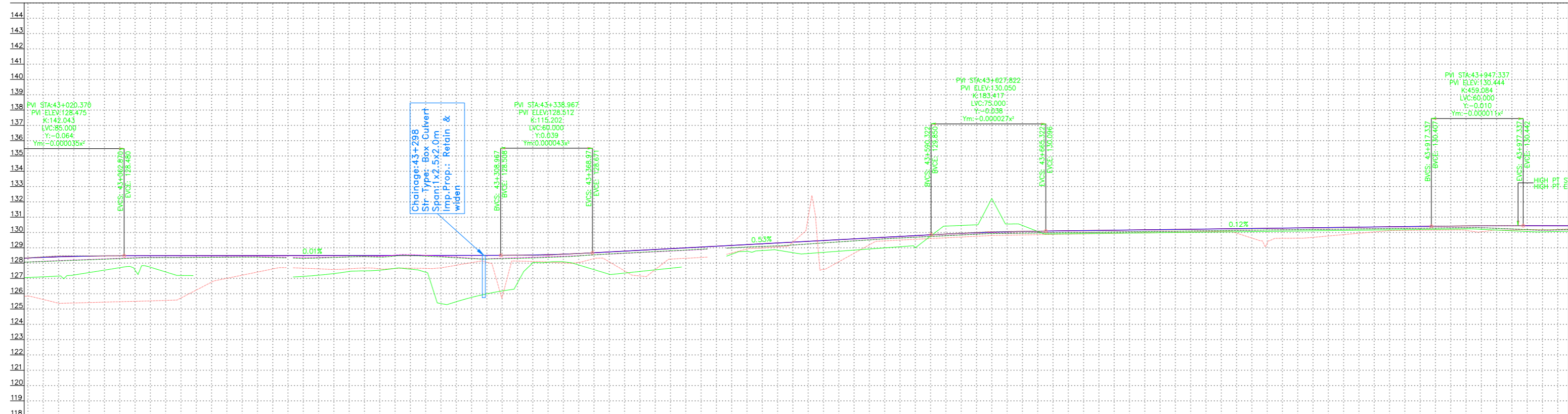


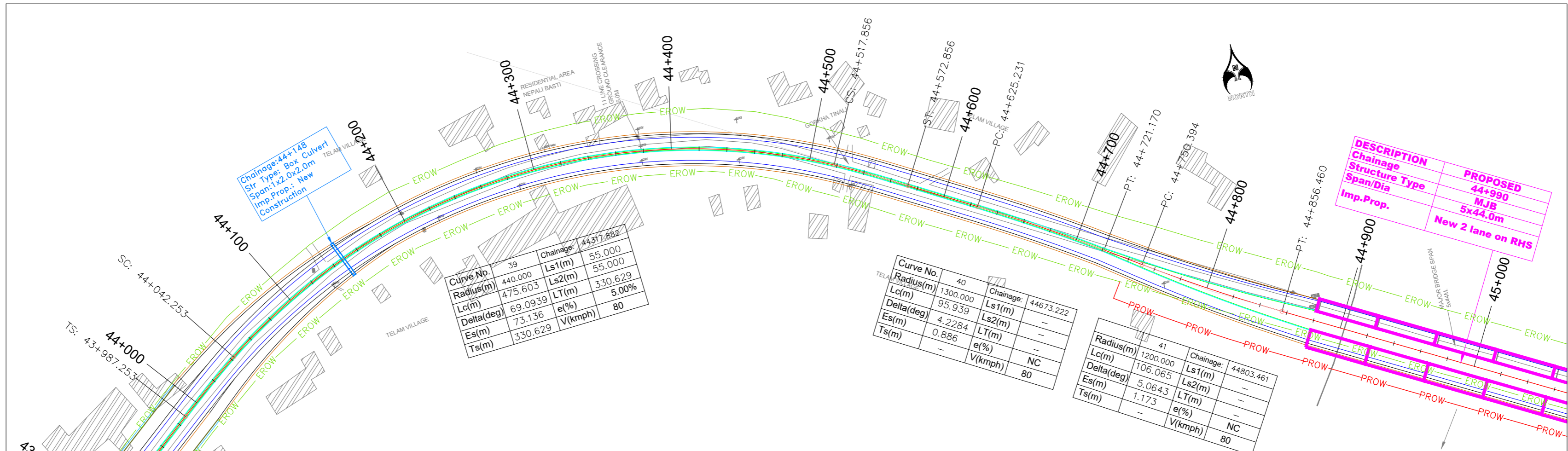


Curve No.	38		
Radius(m)	530.000	Ls1(m)	43271.199
Lc(m)	188.294	Ls2(m)	95.000
Delta(deg)	30.6256	LT(m)	192.800
Es(m)	8.473	e(%)	5.00%
Ts(m)	192.800	V(kmph)	100

Chainage: 43+298  
 Str. Type: Box Culvert  
 Span: 1x2.5x2.0m  
 Imp. Prop.: Retain & widen



PROPOSED LME DESIGN EDGE (m)	128.333	128.425	128.472	128.481	128.484	128.487	128.490	128.493	128.496	128.499	128.501	128.504	128.507	128.510	128.513	128.516	128.519	128.522	128.525	128.528	128.531	128.534	128.537	128.540	128.543	128.546	128.549	128.552	128.555	128.558	128.561	128.564	128.567	128.570	128.573	128.576	128.579	128.582	128.585	128.588	128.591	128.594	128.597	128.600	128.603	128.606	128.609	128.612	128.615	128.618	128.621	128.624	128.627	128.630	128.633	128.636	128.639	128.642	128.645	128.648	128.651	128.654	128.657	128.660	128.663	128.666	128.669	128.672	128.675	128.678	128.681	128.684	128.687	128.690	128.693	128.696	128.699	128.702	128.705	128.708	128.711	128.714	128.717	128.720	128.723	128.726	128.729	128.732	128.735	128.738	128.741	128.744	128.747	128.750	128.753	128.756	128.759	128.762	128.765	128.768	128.771	128.774	128.777	128.780	128.783	128.786	128.789	128.792	128.795	128.798	128.801	128.804	128.807	128.810	128.813	128.816	128.819	128.822	128.825	128.828	128.831	128.834	128.837	128.840	128.843	128.846	128.849	128.852	128.855	128.858	128.861	128.864	128.867	128.870	128.873	128.876	128.879	128.882	128.885	128.888	128.891	128.894	128.897	128.900	128.903	128.906	128.909	128.912	128.915	128.918	128.921	128.924	128.927	128.930	128.933	128.936	128.939	128.942	128.945	128.948	128.951	128.954	128.957	128.960	128.963	128.966	128.969	128.972	128.975	128.978	128.981	128.984	128.987	128.990	128.993	128.996	128.999	130.002	130.005	130.008	130.011	130.014	130.017	130.020	130.023	130.026	130.029	130.032	130.035	130.038	130.041	130.044	130.047	130.050	130.053	130.056	130.059	130.062	130.065	130.068	130.071	130.074	130.077	130.080	130.083	130.086	130.089	130.092	130.095	130.098	130.101	130.104	130.107	130.110	130.113	130.116	130.119	130.122	130.125	130.128	130.131	130.134	130.137	130.140	130.143	130.146	130.149	130.152	130.155	130.158	130.161	130.164	130.167	130.170	130.173	130.176	130.179	130.182	130.185	130.188	130.191	130.194	130.197	130.200	130.203	130.206	130.209	130.212	130.215	130.218	130.221	130.224	130.227	130.230	130.233	130.236	130.239	130.242	130.245	130.248	130.251	130.254	130.257	130.260	130.263	130.266	130.269	130.272	130.275	130.278	130.281	130.284	130.287	130.290	130.293	130.296	130.299	130.302	130.305	130.308	130.311	130.314	130.317	130.320	130.323	130.326	130.329	130.332	130.335	130.338	130.341	130.344	130.347	130.350	130.353	130.356	130.359	130.362	130.365	130.368	130.371	130.374	130.377	130.380	130.383	130.386	130.389	130.392	130.395	130.398	130.401	130.404	130.407	130.410	130.413	130.416	130.419	130.422	130.425	130.428	130.431	130.434	130.437	130.440	130.443	130.446	130.449	130.452	130.455	130.458	130.461	130.464	130.467	130.470	130.473	130.476	130.479	130.482	130.485	130.488	130.491	130.494	130.497	130.500	130.503	130.506	130.509	130.512	130.515	130.518	130.521	130.524	130.527	130.530	130.533	130.536	130.539	130.542	130.545	130.548	130.551	130.554	130.557	130.560	130.563	130.566	130.569	130.572	130.575	130.578	130.581	130.584	130.587	130.590	130.593	130.596	130.599	130.602	130.605	130.608	130.611	130.614	130.617	130.620	130.623	130.626	130.629	130.632	130.635	130.638	130.641	130.644	130.647	130.650	130.653	130.656	130.659	130.662	130.665	130.668	130.671	130.674	130.677	130.680	130.683	130.686	130.689	130.692	130.695	130.698	130.701	130.704	130.707	130.710	130.713	130.716	130.719	130.722	130.725	130.728	130.731	130.734	130.737	130.740	130.743	130.746	130.749	130.752	130.755	130.758	130.761	130.764	130.767	130.770	130.773	130.776	130.779	130.782	130.785	130.788	130.791	130.794	130.797	130.800	130.803	130.806	130.809	130.812	130.815	130.818	130.821	130.824	130.827	130.830	130.833	130.836	130.839	130.842	130.845	130.848	130.851	130.854	130.857	130.860	130.863	130.866	130.869	130.872	130.875	130.878	130.881	130.884	130.887	130.890	130.893	130.896	130.899	130.902	130.905	130.908	130.911	130.914	130.917	130.920	130.923	130.926	130.929	130.932	130.935	130.938	130.941	130.944	130.947	130.950	130.953	130.956	130.959	130.962	130.965	130.968	130.971	130.974	130.977	130.980	130.983	130.986	130.989	130.992	130.995	130.998	131.001	131.004	131.007	131.010	131.013	131.016	131.019	131.022	131.025	131.028	131.031	131.034	131.037	131.040	131.043	131.046	131.049	131.052	131.055	131.058	131.061	131.064	131.067	131.070	131.073	131.076	131.079	131.082	131.085	131.088	131.091	131.094	131.097	131.100	131.103	131.106	131.109	131.112	131.115	131.118	131.121	131.124	131.127	131.130	131.133	131.136	131.139	131.142	131.145	131.148	131.151	131.154	131.157	131.160	131.163	131.166	131.169	131.172	131.175	131.178	131.181	131.184	131.187	131.190	131.193	131.196	131.199	131.202	131.205	131.208	131.211	131.214	131.217	131.220	131.223	131.226	131.229	131.232	131.235	131.238	131.241	131.244	131.247	131.250	131.253	131.256	131.259	131.262	131.265	131.268	131.271	131.274	131.277	131.280	131.283	131.286	131.289	131.292	131.295	131.298	131.301	131.304	131.307	131.310	131.313	131.316	131.319	131.322	131.325	131.328	131.331	131.334	131.337	131.340	131.343	131.346	131.349	131.352	131.355	131.358	131.361	131.364	131.367	131.370	131.373	131.376	131.379	131.382	131.385	131.388	131.391	131.394	131.397	131.400	131.403	131.406	131.409	131.412	131.415	131.418	131.421	131.424	131.427	131.430	131.433	131.436	131.439	131.442	131.445	131.448	131.451	131.454	131.457	131.460	131.463	131.466	131.469	131.472	131.475	131.478	131.481	131.484	131.487	131.490	131.493	131.496	131.499	131.502	131.505	131.508	131.511	131.514	131.517	131.520	131.523	131.526	131.529	131.532	131.535	131.538	131.541	131.544	131.547	131.550	131.553	131.556	131.559	131.562	131.565	131.568	131.571	131.574	131.577	131.580	131.583	131.586	131.589	131.592	131.595	131.598	131.601	131.604	131.607	131.610	131.613	131.616	131.619	131.622	131.625	131.628	131.631	131.634	131.637	131.640	131.643	131.646	131.649	131.652	131.655	131.658	131.661	131.664	131.667	131.670	131.673	131.676	131.679	131.682	131.685	131.688	131.691	131.694	131.697	131.700	131.703	131.706	131.709	131.712	131.715	131.718	131.721	131.724	131.727	131.730	131.733	131.736	131.739	131.742	131.745	131.748	131.751	131.754	131.757	131.760	131.763	131.766	131.769	131.772	131.775	131.778	131.781	131.784	131.787	131.790	131.793	131.796	131.799	131.802	131.805	131.808	131.811	131.814	131.817	131.820	131.823	131.826	131.829	131.832	131.835	131.838	131.841	131.844	131.847	131.850	131.853	131.856	131.859	131.862	131.865	131.868	131.871	131.874	131.877	131.880	131.883	131.886	131.889	131.892	131.895	131.898	131.901	131.904	131.907	131.910	131.913	131.916	131.919	131.922	131.925	131.928	131.931	131.934	131.937	131.940	131.943	131.946	131.949	131.952	131.955	131.958	131.961	131.964	131.967	131.970	131.973	131.976	131.979	131.982	131.985	131.988	131.991	131.994	131.997	131.999	132.001	132.003	132.005	132.007	132.009	132.011	132.013	132.015	132.017	132.019	132.021	132.023	132.025	132.027	132.029	132.031	132.033	132.035	132.037	132.039	132.041	132.043	132.045	132.047	132.049	132.051	132.053	132.055	132.057	132.059	132.061	132.063	132.065	132.067	132.069	132.071	132.073	132.075	132.077	132.079	132.081	132.083	132.085	132.087	132.089	132.091	132.093	132.095	132.097	132.099	132.101	132.103	132.105	132.107	132.109	132.111	132.113	132.115	132.117	132.119	132.121	132.123	132.125	132.127	132.129	132.131	132.133	132.135	132.137	132.139	132.141	132.143	132.145	132.147	132.149	132.151	132.153	132.155	132.157	132.159	132.161	132.163	132.165	132.167	132.169	132.171	132.173	132.175	132.177	132.179	132.181	132.183	132.185	132.187	132.189	132.191	132.193	132.195	132.197	132.199	132.201	132.203	132.205	132.207	132.209	132.211	132.213	132.215	132.217	132.219	132.221	132.223	132.225	132.227	132.229	132.231	
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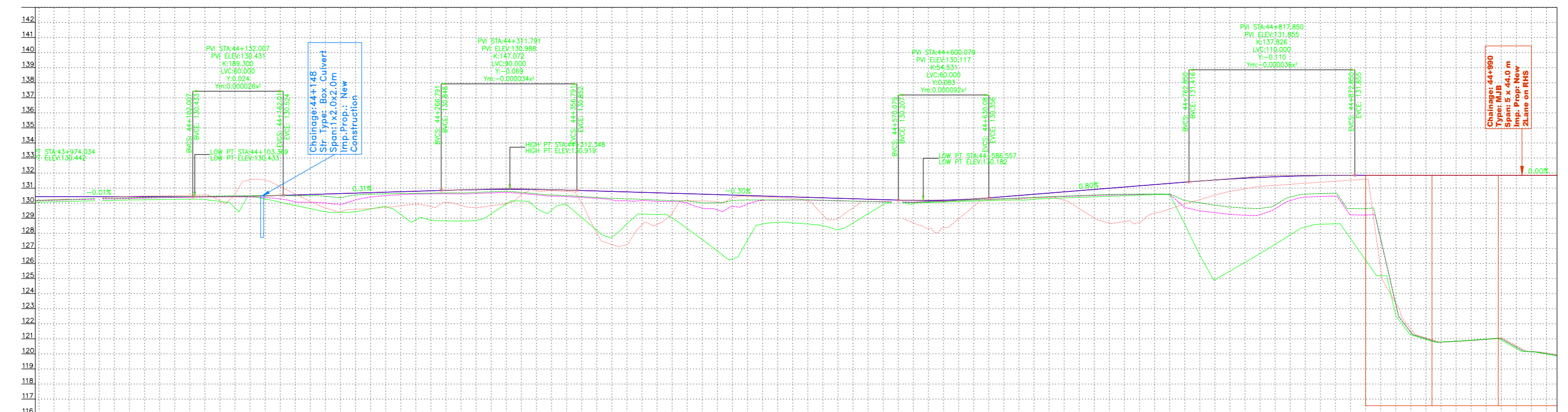


DESCRIPTION	
Chainage	44+990
Structure Type	MJB
Span/Dia	5x44.0m
Imp.Prop.	New 2 lane on RHS

Curve No.	Chainage	Rs(m)	Ls1(m)	Ls2(m)	LT(m)	Delta(deg)	Es(m)	Ts(m)	e(%)	V(kmph)
39	44317.852	440.000	55.000	330.629	330.629	73.136	330.629	5.00%	80	

Curve No.	Chainage	Rs(m)	Ls1(m)	Ls2(m)	LT(m)	Delta(deg)	Es(m)	Ts(m)	e(%)	V(kmph)
40	44673.222	1300.000	44673.222	-	-	95.939	4.2284	0.886	NC	80


Curve No.	Chainage	Rs(m)	Ls1(m)	Ls2(m)	LT(m)	Delta(deg)	Es(m)	Ts(m)	e(%)	V(kmph)
41	44803.461	1200.000	44803.461	-	-	106.065	5.0643	1.173	NC	80



STATION (m)	PROPOSED LME DESIGN EDGE (m)	PROPOSED RME PROFILE LEVEL (m)	EXISTING GROUND LEVEL (LME) (m)	EXISTING GROUND LEVEL (RME) (m)	EXISTING 20M LEFT GROUND LEVEL (m)	EXISTING 20M RIGHT GROUND LEVEL (m)
44+000.000	130.440	130.440	130.183	130.161	130.200	130.070
44+025.000	130.439	130.439	130.267	130.244	130.134	130.134
44+050.000	130.437	130.437	130.334	130.294	130.191	130.191
44+075.000	130.435	130.435	130.398	130.350	130.236	130.236
44+100.000	130.433	130.433	130.441	130.393	130.270	130.270
44+125.000	130.445	130.445	130.487	130.421	130.080	130.080
44+150.000	130.490	130.490	130.500	130.374	130.285	130.285
44+175.000	130.564	130.564	130.499	130.405	129.744	129.744
44+200.000	130.642	130.642	130.375	130.282	129.397	129.397
44+225.000	130.719	130.719	130.615	130.465	129.716	129.716
44+250.000	130.796	130.796	130.651	130.600	129.602	129.602
44+275.000	130.872	130.872	130.688	130.626	128.850	128.850
44+300.000	130.914	130.914	130.759	130.688	128.297	128.297
44+325.000	130.914	130.914	130.674	130.601	130.103	130.103
44+350.000	130.871	130.871	130.503	130.434	129.894	129.894
44+375.000	130.797	130.797	130.347	130.289	129.852	129.852
44+400.000	130.721	130.721	130.257	130.177	129.288	129.288
44+425.000	130.646	130.646	130.155	130.110	128.650	128.650
44+450.000	130.570	130.570	130.025	129.553	128.629	128.629
44+475.000	130.495	130.495	130.214	130.100	128.404	128.404
44+500.000	130.419	130.419	130.220	130.204	128.693	128.693
44+525.000	130.344	130.344	130.184	130.184	128.374	128.374
44+550.000	130.268	130.268	130.114	130.114	128.300	128.300
44+575.000	130.195	130.195	130.053	130.053	130.000	130.000
44+600.000	130.189	130.189	130.133	130.133	130.079	130.079
44+625.000	130.318	130.318	130.242	130.242	130.185	130.185
44+650.000	130.515	130.515	130.345	130.345	130.201	130.201
44+675.000	130.715	130.715	130.450	130.450	130.330	130.330
44+700.000	130.914	130.914	130.545	130.545	130.423	130.423
44+725.000	131.114	131.114	130.603	130.603	130.514	130.514
44+750.000	131.313	131.313	130.602	130.602	130.557	130.557
44+775.000	131.507	131.507	129.946	129.946	129.659	129.659
44+800.000	131.662	131.662	129.679	129.679	129.071	129.071
44+825.000	131.772	131.772	130.169	130.169	127.564	127.564
44+850.000	131.858	131.858	130.639	130.639	126.600	126.600
44+875.000	131.855	131.855	129.640	129.640	126.939	126.939
44+900.000	131.855	131.855	123.339	123.339	122.562	122.562
44+925.000	131.855	131.855	120.854	120.854	120.804	120.804
44+950.000	131.855	131.855	120.900	120.900	120.913	120.913
44+975.000	131.855	131.855	120.734	120.734	120.634	120.634
45+000.000	131.855	131.855	120.022	120.022	119.990	119.990

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CLIENT :



**NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**  
(MINISTRY OF ROAD TRANSPORT AND HIGHWAYS)  
GOVERNMENT OF INDIA

PROJECT :

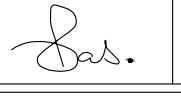



**CONSULTANCY SERVICES FOR PREPARATION OF DETAILED PROJECT REPORT FOR DEVELOPMENT OF ECONOMIC CORRIDORS, INTER CORRIDORS AND FEEDER ROUTES TO IMPROVE THE EFFICIENCY OF FREIGHT MOVEMENTS IN INDIA UNDER BHARATMALA PARIYOJANA (LOT-1:PACKAGE IV)**

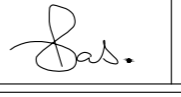



DESIGN CONSULTANT:



**VOYANTS SOLUTIONS PVT LTD.**  
403, 4th Floor, Park Centra,  
Sector-30, NH-8  
Gurgaon-122001, Haryana, India  
CIN: U74140HR2004PTC046918  
Ph: 0124-4598200, Fax: 0124-4019051,  
E-mail: info@voyants.in, www.voyants.in

**Detailed Project Report**

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
PD/PS	SS/SP	DGR	SKC
			
REV. DATE	DESCRIPTION	SCALE :	

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
PD/PS	SS/SP	DGR	SKC
			
SCALE :	HOR 1:2500 VER 1:250	SHEET SIZE	A2

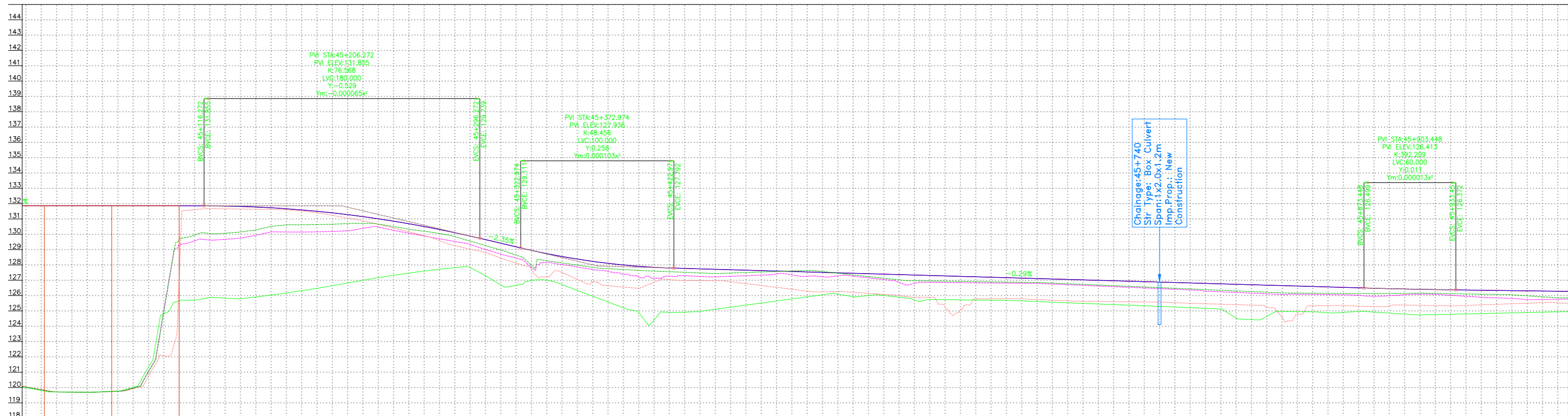
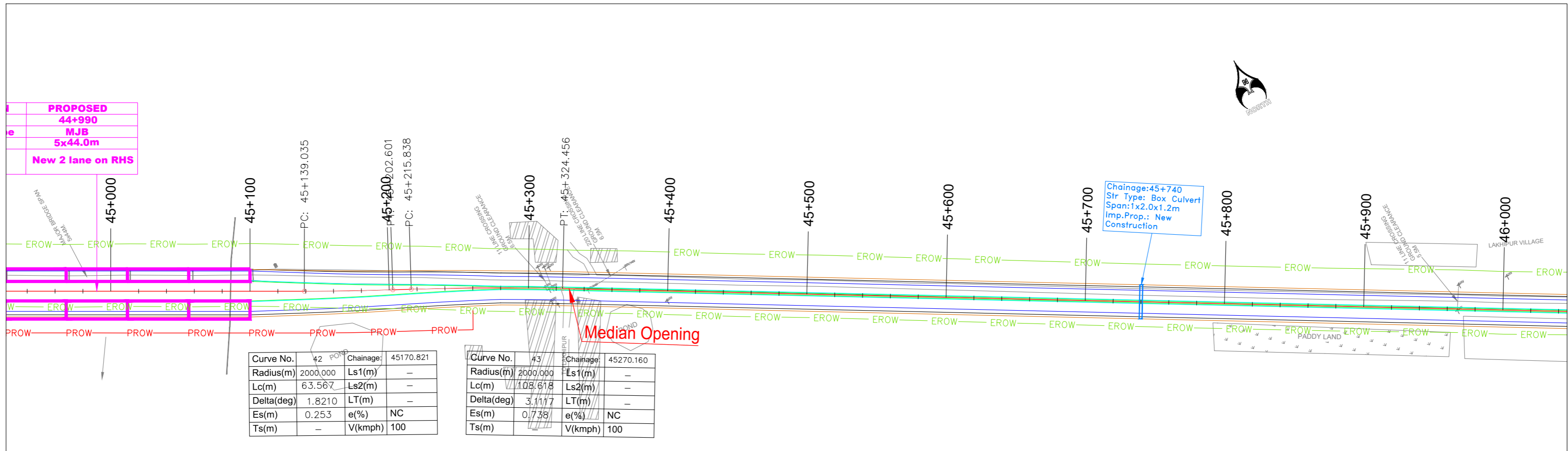
TITLE :

**Plan and Profile**  
(km 44+000 to km 45+000)

DRG. No. :  
VSPL/1718-082/DPR/PKG-4/NH-515/S2/PP-17

REVISION:R1


December 2022



PROPOSED LME DESIGN EDGE (m)	131.855	131.855	131.855	131.855	131.855	131.850	131.780	131.629	131.397	131.083	130.687	130.209	129.651	129.084	128.451	127.715	126.943	126.151	125.319	124.477	123.656	122.824	122.012	121.210	120.428	120.000															
PROPOSED RME PROFILE LEVEL (m)	131.855	131.855	131.855	131.855	131.855	131.850	131.780	131.629	131.397	131.083	130.687	130.209	129.651	129.084	128.451	127.715	126.943	126.151	125.319	124.477	123.656	122.824	122.012	121.210	120.428	120.000															
EXISTING GROUND LEVEL LME (m)	120.022	119.710	119.721	120.119	120.663	130.037	130.286	130.620	130.660	130.706	130.330	129.960	130.209	128.441	128.133	127.789	127.540	126.943	126.805	126.805	126.977	126.943	126.977	126.943	126.977	126.943	126.977														
EXISTING GROUND LEVEL RME (m)	119.950	119.710	119.721	120.119	120.663	130.037	130.286	130.620	130.660	130.706	130.330	129.960	130.209	128.441	128.133	127.789	127.540	126.943	126.805	126.805	126.977	126.943	126.977	126.943	126.977	126.943	126.977														
EXISTING 20M LEFT GROUND LEVEL (m)	119.950	119.710	119.721	120.119	120.663	130.037	130.286	130.620	130.660	130.706	130.330	129.960	130.209	128.441	128.133	127.789	127.540	126.943	126.805	126.805	126.977	126.943	126.977	126.943	126.977	126.943	126.977														
EXISTING 20M RIGHT GROUND LEVEL (m)	119.950	119.710	119.721	120.119	120.663	130.037	130.286	130.620	130.660	130.706	130.330	129.960	130.209	128.441	128.133	127.789	127.540	126.943	126.805	126.805	126.977	126.943	126.977	126.943	126.977	126.943	126.977														
HORIZONTAL ALIGNMENT	2.575		L=63.567m R=2000.000m		L=108.618m R=2000.000m		L=13.236		26.70		100.00		180.00		450.47		60.00		60.00		60.00		60.00		60.00		60.00														
VERTICAL GEOMETRY LME	26.70		100.00		180.00		450.47		60.00		60.00		60.00		60.00		60.00		60.00		60.00		60.00		60.00		60.00														
VERTICAL GEOMETRY RME	26.70		100.00		180.00		450.47		60.00		60.00		60.00		60.00		60.00		60.00		60.00		60.00		60.00		60.00														
STATION (m)	45+000.000	45+025.000	45+050.000	45+075.000	45+100.000	45+125.000	45+150.000	45+175.000	45+200.000	45+225.000	45+250.000	45+275.000	45+300.000	45+325.000	45+350.000	45+375.000	45+400.000	45+425.000	45+450.000	45+475.000	45+500.000	45+525.000	45+550.000	45+575.000	45+600.000	45+625.000	45+650.000	45+675.000	45+700.000	45+725.000	45+750.000	45+775.000	45+800.000	45+825.000	45+850.000	45+875.000	45+900.000	45+925.000	45+950.000	45+975.000	46+000.000

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CLIENT :



**NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**  
(MINISTRY OF ROAD TRANSPORT AND HIGHWAYS)  
GOVERNMENT OF INDIA

PROJECT :

**CONSULTANCY SERVICES FOR PREPARATION OF DETAILED PROJECT REPORT FOR DEVELOPMENT OF ECONOMIC CORRIDORS, INTER CORRIDORS AND FEEDER ROUTES TO IMPROVE THE EFFICIENCY OF FREIGHT MOVEMENTS IN INDIA UNDER BHARATMALA PARIYOJANA (LOT-1:PACKAGE IV)**

DESIGN CONSULTANT:



**VOYANTS SOLUTIONS PVT LTD.**  
403, 4th Floor, Park Centra,  
Sector-30, NH-8  
Gurgaon-122001, Haryana, India  
CIN: U74140HR2004PTC046918  
Ph: 0124-4598200, Fax: 0124-4019051,  
E-mail: info@voyants.in, www.voyants.in

**Detailed Project Report**

REV.	DATE	DESCRIPTION

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
PD/PS	SS/SP	DGR	SKC
SCALE :	HOR 1:2500 VER 1:250	SHEET SIZE	A2

TITLE :

**Plan and Profile**  
(km 45+000 to km 46+000)

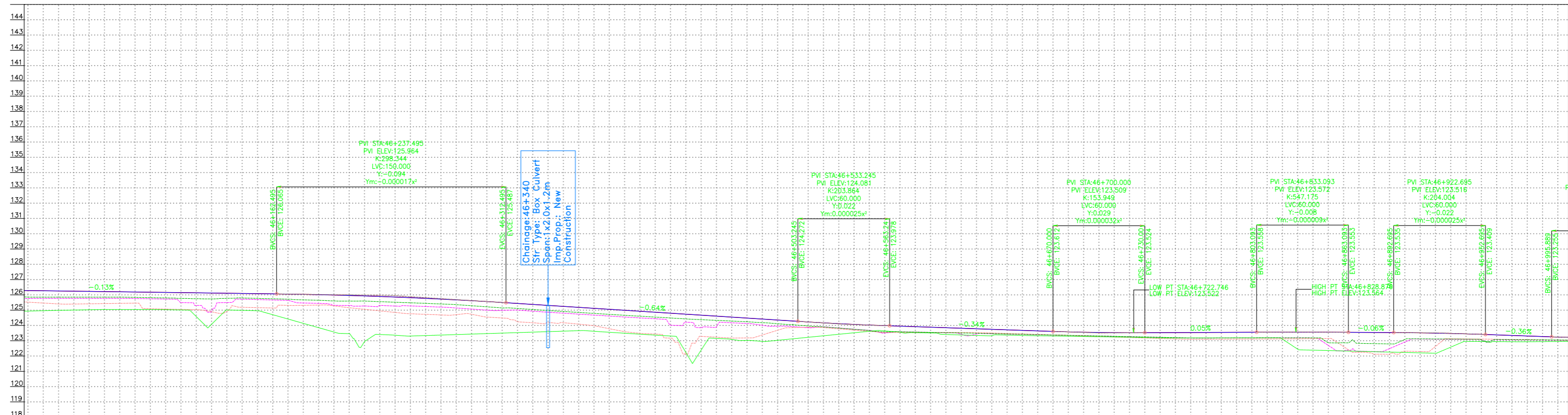
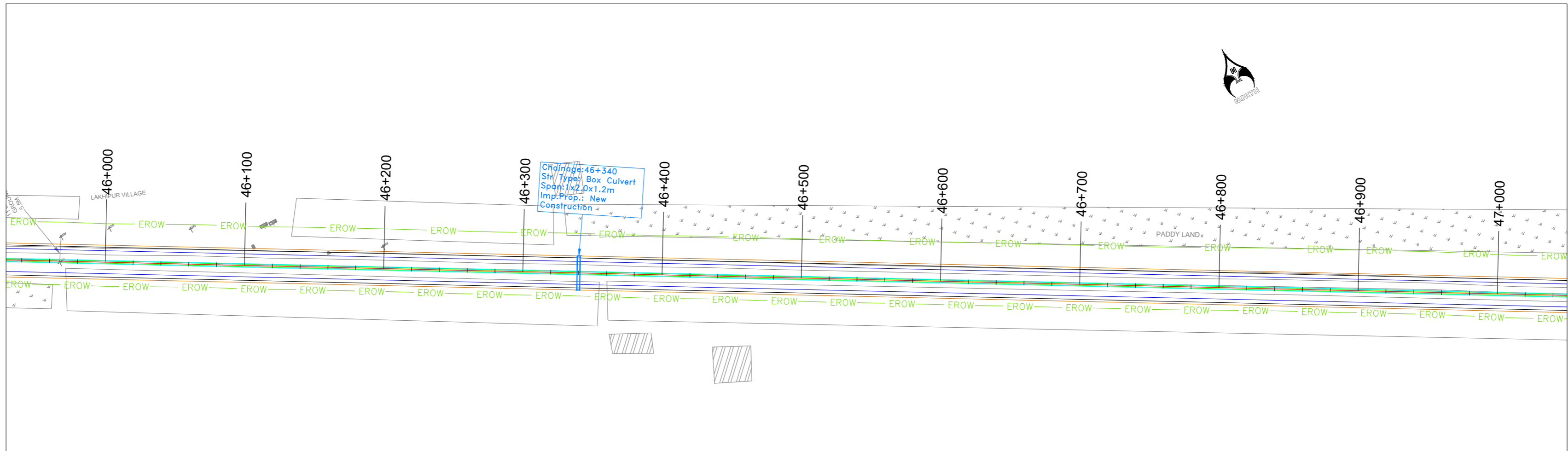
DRG. No. :  
VSPL/1718-082/DPR/PKG-4/NH-515/S2/PP-18

REVISION:R1

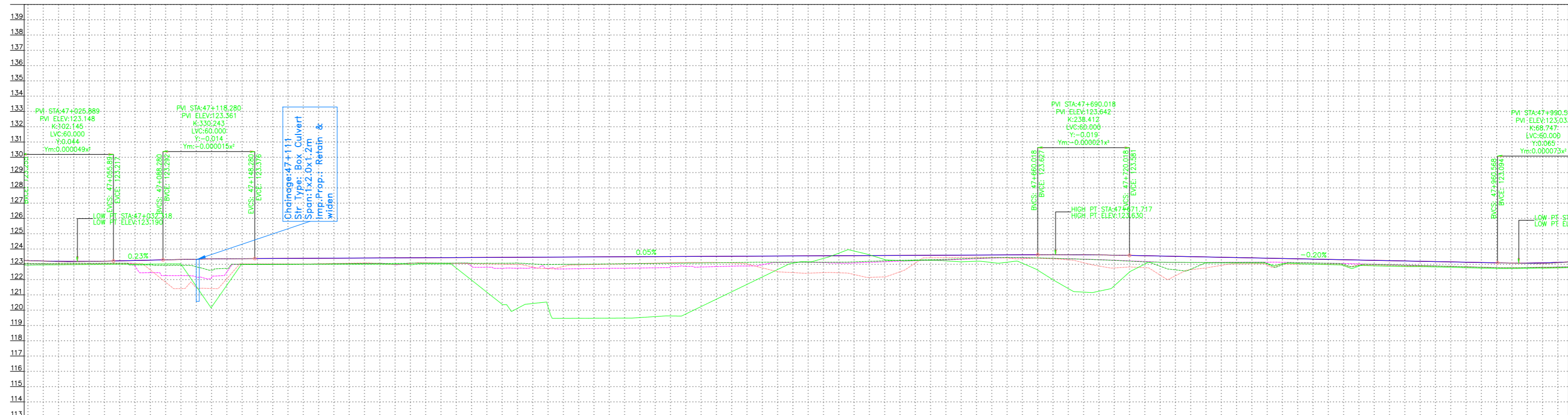
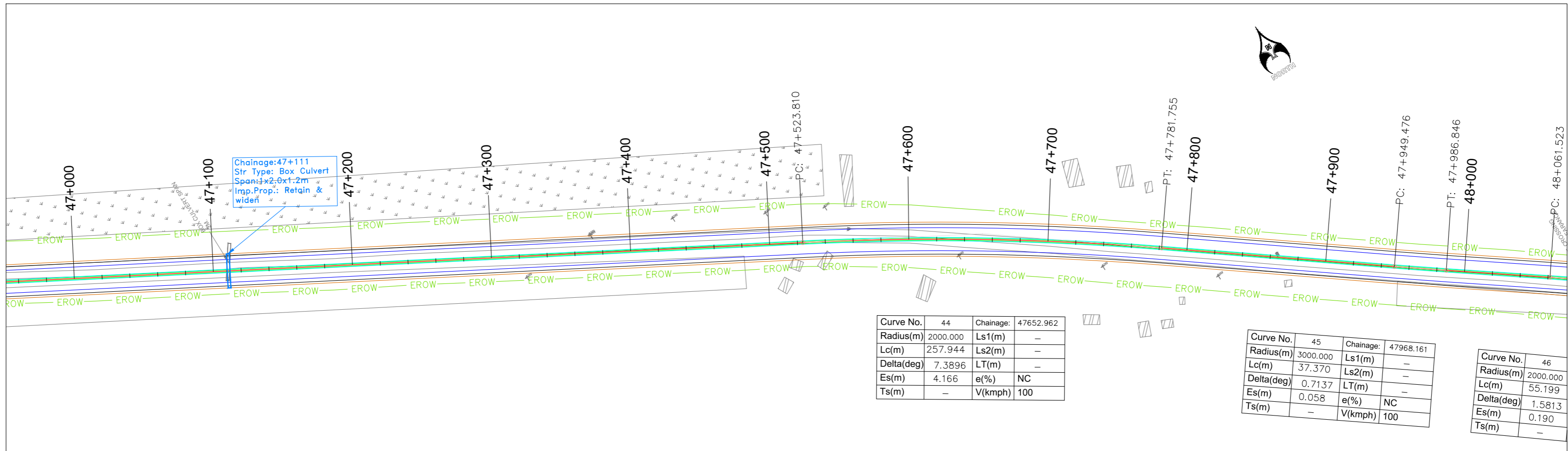
December 2022

← DHEMAJI

OYAN →




PROPOSED LME DESIGN EDGE (m)	126.283	126.283	126.250	126.216	126.182	126.149	126.115	126.082	126.048	126.014	125.981	125.947	125.913	125.879	125.845	125.811	125.777	125.743	125.709	125.675	125.641	125.607	125.573	125.539	125.505	125.471	125.437	125.403	125.369	125.335	125.301	125.267	125.233	125.199	125.165	125.131	125.097	125.063	125.029	124.995	124.961	124.927	124.893	124.859	124.825	124.791	124.757	124.723	124.689	124.655	124.621	124.587	124.553	124.519	124.485	124.451	124.417	124.383	124.349	124.315	124.281	124.247	124.213	124.179	124.145	124.111	124.077	124.043	124.009	123.975	123.941	123.907	123.873	123.839	123.805	123.771	123.737	123.703	123.669	123.635	123.601	123.567	123.533	123.499	123.465	123.431	123.397	123.363	123.329	123.295	123.261	123.227	123.193	123.159	123.125	123.091	123.057	123.023	122.989	122.955	122.921	122.887	122.853	122.819	122.785	122.751	122.717	122.683	122.649	122.615	122.581	122.547	122.513	122.479	122.445	122.411	122.377	122.343	122.309	122.275	122.241	122.207	122.173	122.139	122.105	122.071	122.037	122.003	121.969	121.935	121.901	121.867	121.833	121.799	121.765	121.731	121.697	121.663	121.629	121.595	121.561	121.527	121.493	121.459	121.425	121.391	121.357	121.323	121.289	121.255	121.221	121.187	121.153	121.119	121.085	121.051	121.017	120.983	120.949	120.915	120.881	120.847	120.813	120.779	120.745	120.711	120.677	120.643	120.609	120.575	120.541	120.507	120.473	120.439	120.405	120.371	120.337	120.303	120.269	120.235	120.201	120.167	120.133	120.099	120.065	120.031	119.997	119.963	119.929	119.895	119.861	119.827	119.793	119.759	119.725	119.691	119.657	119.623	119.589	119.555	119.521	119.487	119.453	119.419	119.385	119.351	119.317	119.283	119.249	119.215	119.181	119.147	119.113	119.079	119.045	119.011	118.977	118.943	118.909	118.875	118.841	118.807	118.773	118.739	118.705	118.671	118.637	118.603	118.569	118.535	118.501	118.467	118.433	118.399	118.365	118.331	118.297	118.263	118.229	118.195	118.161	118.127	118.093	118.059	118.025	117.991	117.957	117.923	117.889	117.855	117.821	117.787	117.753	117.719	117.685	117.651	117.617	117.583	117.549	117.515	117.481	117.447	117.413	117.379	117.345	117.311	117.277	117.243	117.209	117.175	117.141	117.107	117.073	117.039	117.005	116.971	116.937	116.903	116.869	116.835	116.801	116.767	116.733	116.699	116.665	116.631	116.597	116.563	116.529	116.495	116.461	116.427	116.393	116.359	116.325	116.291	116.257	116.223	116.189	116.155	116.121	116.087	116.053	116.019	115.985	115.951	115.917	115.883	115.849	115.815	115.781	115.747	115.713	115.679	115.645	115.611	115.577	115.543	115.509	115.475	115.441	115.407	115.373	115.339	115.305	115.271	115.237	115.203	115.169	115.135	115.101	115.067	115.033	114.999	114.965	114.931	114.897	114.863	114.829	114.795	114.761	114.727	114.693	114.659	114.625	114.591	114.557	114.523	114.489	114.455	114.421	114.387	114.353	114.319	114.285	114.251	114.217	114.183	114.149	114.115	114.081	114.047	114.013	113.979	113.945	113.911	113.877	113.843	113.809	113.775	113.741	113.707	113.673	113.639	113.605	113.571	113.537	113.503	113.469	113.435	113.401	113.367	113.333	113.299	113.265	113.231	113.197	113.163	113.129	113.095	113.061	113.027	112.993	112.959	112.925	112.891	112.857	112.823	112.789	112.755	112.721	112.687	112.653	112.619	112.585	112.551	112.517	112.483	112.449	112.415	112.381	112.347	112.313	112.279	112.245	112.211	112.177	112.143	112.109	112.075	112.041	112.007	111.973	111.939	111.905	111.871	111.837	111.803	111.769	111.735	111.701	111.667	111.633	111.599	111.565	111.531	111.497	111.463	111.429	111.395	111.361	111.327	111.293	111.259	111.225	111.191	111.157	111.123	111.089	111.055	111.021	110.987	110.953	110.919	110.885	110.851	110.817	110.783	110.749	110.715	110.681	110.647	110.613	110.579	110.545	110.511	110.477	110.443	110.409	110.375	110.341	110.307	110.273	110.239	110.205	110.171	110.137	110.103	110.069	110.035	110.001	119.967	119.933	119.899	119.865	119.831	119.797	119.763	119.729	119.695	119.661	119.627	119.593	119.559	119.525	119.491	119.457	119.423	119.389	119.355	119.321	119.287	119.253	119.219	119.185	119.151	119.117	119.083	119.049	119.015	118.981	118.947	118.913	118.879	118.845	118.811	118.777	118.743	118.709	118.675	118.641	118.607	118.573	118.539	118.505	118.471	118.437	118.403	118.369	118.335	118.301	118.267	118.233	118.199	118.165	118.131	118.097	118.063	118.029	117.995	117.961	117.927	117.893	117.859	117.825	117.791	117.757	117.723	117.689	117.655	117.621	117.587	117.553	117.519	117.485	117.451	117.417	117.383	117.349	117.315	117.281	117.247	117.213	117.179	117.145	117.111	117.077	117.043	117.009	116.975	116.941	116.907	116.873	116.839	116.805	116.771	116.737	116.703	116.669	116.635	116.601	116.567	116.533	116.499	116.465	116.431	116.397	116.363	116.329	116.295	116.261	116.227	116.193	116.159	116.125	116.091	116.057	116.023	115.989	115.955	115.921	115.887	115.853	115.819	115.785	115.751	115.717	115.683	115.649	115.615	115.581	115.547	115.513	115.479	115.445	115.411	115.377	115.343	115.309	115.275	115.241	115.207	115.173	115.139	115.105	115.071	115.037	115.003	114.969	114.935	114.901	114.867	114.833	114.799	114.765	114.731	114.697	114.663	114.629	114.595	114.561	114.527	114.493	114.459	114.425	114.391	114.357	114.323	114.289	114.255	114.221	114.187	114.153	114.119	114.085	114.051	114.017	113.983	113.949	113.915	113.881	113.847	113.813	113.779	113.745	113.711	113.677	113.643	113.609	113.575	113.541	113.507	113.473	113.439	113.405	113.371	113.337	113.303	113.269	113.235	113.201	113.167	113.133	113.099	113.065	113.031	112.997	112.963	112.929	112.895	112.861	112.827	112.793	112.759	112.725	112.691	112.657	112.623	112.589	112.555	112.521	112.487	112.453	112.419	112.385	112.351	112.317	112.283	112.249	112.215	112.181	112.147	112.113	112.079	112.045	112.011	111.977	111.943	111.909	111.875	111.841	111.807	111.773	111.739	111.705	111.671	111.637	111.603	111.569	111.535	111.501	111.467	111.433	111.399	111.365	111.331	111.297	111.263	111.229	111.195	111.161	111.127	111.093	111.059	111.025	110.991	110.957	110.923	110.889	110.855	110.821	110.787	110.753	110.719	110.685	110.651	110.617	110.583	110.549	110.515	110.481	110.447	110.413	110.379	110.345	110.311	110.277	110.243	110.209	110.175	110.141	110.107	110.073	110.039	110.005	119.971	119.937	119.903	119.869	119.835	119.801	119.767	119.733	119.699	119.665	119.631	119.597	119.563	119.529	119.495	119.461	119.427	119.393	119.359	119.325	119.291	119.257	119.223	119.189	119.155	119.121	119.087	119.053	119.019	118.985	118.951	118.917	118.883	118.849	118.815	118.781	118.747	118.713	118.679	118.645	118.611	118.577	118.543	118.509	118.475	118.441	118.407	118.373	118.339	118.305	118.271	118.237	118.203	118.169	118.135	118.101	118.067	118.033	117.999	117.965	117.931	117.897	117.863	117.829	117.795	117.761	117.727	117.693	117.659	117.625	117.591	117.557	117.523	117.489	117.455	117.421	117.387	117.353	117.319	117.285	117.251	117.217	117.183	117.149	117.115	117.081	117.047	117.013	116.979	116.945	116.911	116.877	116.843	116.809	116.775	116.741	116.707	116.673	116.639	116.605	116.571	116.537	116.503	116.469	116.435	116.401	116.367	116.333	116.299	116.265	116.231	116.197	116.163	116.129	116.095	116.061	116.027	115.993	115.959	115.925	115.891	115.857	115.823	115.789	115.755	115.721	115.687	115.653	115.619	115.585	115.551	115.517	115.483	115.449	115.415	115.381	115.347	115.313	115.279	115.245	115.211	115.177	115.143	115.109	115.075	115.041	115.007	114.973	114.939	114.905	114.871	114.837	114.803	114.769	114.735	114.701	114.667	114.633	114.599	114.565	114.531	114.497	114.463	114.429	114.395	114.361	114.327	114.293	114.259	114.225	114.191	114.157	114.123	114.089	114.055	114.021	113.987	113.953	113.919	113.885	113.851	113.817	113.783	113.749	113.715	113.681	113.647	113.613	113.579	113.545	113.511	113.477	113.443	113.409	113.375	113.341	113.307	113.273	113.239	113.205	113.171	113.137	113.103	113.069	113.035	113.001	112.967	112.933	112.899	112.865	112.831	112.797	112.763	112.729	112.695	112.661	112.627	112.593	112.559	112.525	112.491	112.457	112.423	112.389	112.355	112.321	11
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PROPOSED LME DESIGN EDGE (m)	PROPOSED RME PROFILE LEVEL (m)	EXISTING GROUND LEVEL LME(m)	EXISTING GROUND LEVEL RME (m)	EXISTING 20M LEFT GROUND LEVEL (m)	EXISTING 20M RIGHT GROUND LEVEL (m)	HORIZONTAL ALIGNMENT	VERTICAL GEOMETRY LME	VERTICAL GEOMETRY RME	STATION (m)
123.241	123.241	123.055	123.055	123.054	122.952		60.00	60.00	47+000.000
123.193	123.193	123.046	123.046	123.023	122.972		60.00	60.00	47+025.000
123.206	123.206	123.063	123.063	123.031	122.992		33.39	33.39	47+050.000
123.261	123.261	122.961	122.961	123.033	123.012		60.00	60.00	47+075.000
123.317	123.317	122.931	122.931	121.416	123.016		60.00	60.00	47+100.000
123.356	123.356	122.714	122.714	121.491	123.014		60.00	60.00	47+125.000
123.377	123.377	123.007	123.007	123.028	122.991		60.00	60.00	47+150.000
123.389	123.389	123.011	123.011	123.024	123.000		60.00	60.00	47+175.000
123.401	123.401	123.030	123.030	123.052	123.008		60.00	60.00	47+200.000
123.414	123.414	123.058	123.058	123.076	123.006		60.00	60.00	47+225.000
123.426	123.426	123.075	123.075	123.052	122.976		60.00	60.00	47+250.000
123.438	123.438	123.082	123.082	123.071	123.039		60.00	60.00	47+275.000
123.450	123.450	123.067	123.067	123.026	121.773		60.00	60.00	47+300.000
123.463	123.463	123.054	123.054	122.928	120.384		60.00	60.00	47+325.000
123.475	123.475	122.994	122.994	122.851	119.468		60.00	60.00	47+350.000
123.487	123.487	123.020	123.020	122.758	119.477		511.74	511.74	47+375.000
123.499	123.499	123.047	123.047	123.116	119.516		60.00	60.00	47+400.000
123.512	123.512	123.072	123.072	123.110	119.616		60.00	60.00	47+425.000
123.524	123.524	123.102	123.102	123.124	120.709		60.00	60.00	47+450.000
123.536	123.536	123.135	123.135	123.130	121.930		60.00	60.00	47+475.000
123.549	123.549	123.137	123.137	122.451	123.071		60.00	60.00	47+500.000
123.561	123.561	123.139	123.139	122.464	123.538		60.00	60.00	47+525.000
123.573	123.573	123.194	123.194	122.146	123.619		60.00	60.00	47+550.000
123.585	123.585	123.270	123.270	122.750	123.234		60.00	60.00	47+575.000
123.598	123.598	123.325	123.325	123.431	123.226		60.00	60.00	47+600.000
123.610	123.610	123.413	123.413	123.396	123.173		60.00	60.00	47+625.000
123.622	123.622	123.441	123.441	123.336	123.071		60.00	60.00	47+650.000
123.630	123.630	123.379	123.379	123.375	121.702		60.00	60.00	47+675.000
123.643	123.643	123.297	123.297	122.861	121.240		60.00	60.00	47+700.000
123.651	123.651	123.185	123.185	122.801	122.781		60.00	60.00	47+725.000
123.657	123.657	123.150	123.150	122.639	123.127		60.00	60.00	47+750.000
123.670	123.670	123.100	123.100	122.841	123.109		60.00	60.00	47+775.000
123.682	123.682	123.137	123.137	123.031	123.089		60.00	60.00	47+800.000
123.694	123.694	123.114	123.114	123.114	123.055		60.00	60.00	47+825.000
123.706	123.706	123.065	123.065	123.071	122.988		60.00	60.00	47+850.000
123.718	123.718	123.005	123.005	122.944	122.914		60.00	60.00	47+875.000
123.730	123.730	122.947	122.947	122.866	122.849		60.00	60.00	47+900.000
123.742	123.742	122.876	122.876	122.880	122.813		60.00	60.00	47+925.000
123.754	123.754	122.809	122.809	122.801	122.739		60.00	60.00	47+950.000
123.766	123.766	122.772	122.772	122.771	122.729		60.00	60.00	47+975.000
123.778	123.778	122.824	122.824	122.781	122.781		60.00	60.00	48+000.000

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CLIENT :



**NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**  
(MINISTRY OF ROAD TRANSPORT AND HIGHWAYS)  
GOVERNMENT OF INDIA

PROJECT :

**CONSULTANCY SERVICES FOR PREPARATION OF DETAILED PROJECT REPORT FOR DEVELOPMENT OF ECONOMIC CORRIDORS, INTER CORRIDORS AND FEEDER ROUTES TO IMPROVE THE EFFICIENCY OF FREIGHT MOVEMENTS IN INDIA UNDER BHARATMALA PARIYOJANA (LOT-1:PACKAGE IV)**

DESIGN CONSULTANT:



**VOYANTS SOLUTIONS PVT LTD.**  
403, 4th Floor, Park Centra,  
Sector-30, NH-8  
Gurgaon-122001, Haryana, India  
CIN: U74140HR2004PTC046918  
Ph: 0124-4598200, Fax: 0124-4019051,  
E-mail: info@voyants.in, www.voyants.in

**Detailed Project Report**

REV.	DATE	DESCRIPTION

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
PD/PS	SS/SP	DGR	SKC
SCALE :	HOR 1:2500 VER 1:250	SHEET SIZE	A2

TITLE :

**Plan and Profile**  
(km 47+000 to km 48+000)

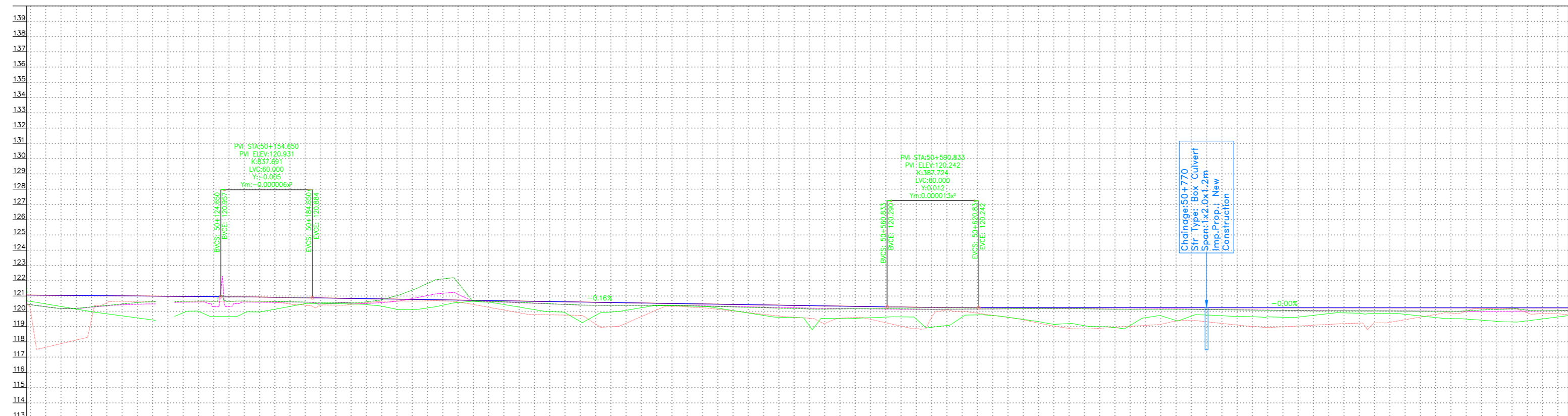
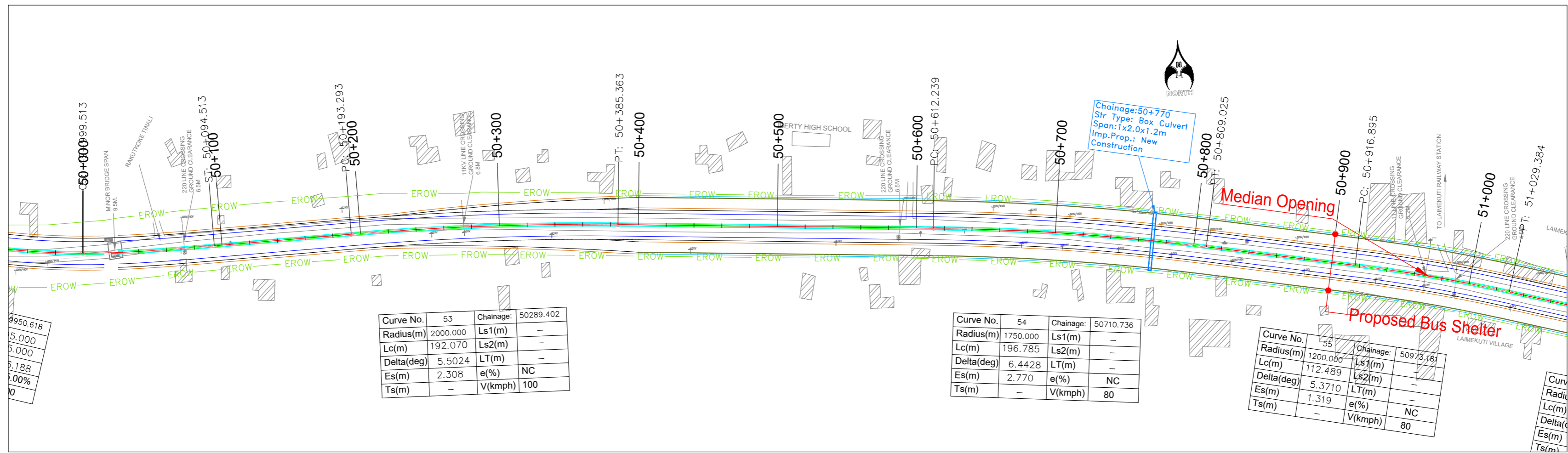
DRG. No. :  
VSPL/1718-082/DPR/PKG-4/NH-515/S2/PP-20

REVISION:R1

December 2022







STATION (m)	PROPOSED LME DESIGN EDGE (m)	PROPOSED RME PROFILE LEVEL (m)	EXISTING GROUND LEVEL LME(m)	EXISTING GROUND LEVEL RME (m)	EXISTING 20M LEFT GROUND LEVEL (m)	EXISTING 20M RIGHT GROUND LEVEL (m)
50+000.000	121.985	121.985	120.435	120.443	120.051	120.650
50+025.000	121.943	121.943	120.180	120.171	118.000	120.232
50+050.000	121.922	121.922	120.384	120.365	119.838	120.550
50+075.000	121.900	121.900	120.611	120.473	119.501	120.661
50+100.000	120.978	120.978	120.656	120.597	119.900	120.660
50+125.000	120.957	120.957	121.037	121.644	119.665	120.655
50+150.000	120.931	120.931	120.661	120.595	119.955	120.655
50+175.000	120.899	120.899	120.616	120.604	120.413	120.413
50+200.000	120.860	120.860	120.588	120.549	120.491	120.491
50+225.000	120.820	120.820	120.683	120.541	120.391	120.391
50+250.000	120.781	120.781	121.394	120.837	120.116	120.673
50+275.000	120.741	120.741	122.181	121.225	120.504	120.665
50+300.000	120.702	120.702	120.656	120.635	120.588	120.588
50+325.000	120.662	120.662	120.564	120.545	120.184	119.813
50+350.000	120.623	120.623	120.454	120.444	119.909	119.754
50+375.000	120.583	120.583	120.395	120.395	119.924	118.958
50+400.000	120.544	120.544	120.400	120.400	120.234	119.651
50+425.000	120.504	120.504	120.382	120.382	120.360	120.360
50+450.000	120.465	120.465	120.316	120.338	120.209	120.134
50+475.000	120.425	120.425	120.248	120.288	119.891	118.858
50+500.000	120.386	120.386	120.185	120.233	119.586	118.611
50+525.000	120.346	120.346	120.156	120.156	119.534	118.404
50+550.000	120.307	120.307	120.167	120.161	119.582	119.474
50+575.000	120.270	120.270	120.158	120.132	119.628	119.917
50+600.000	120.248	120.248	120.148	120.129	119.072	120.000
50+625.000	120.241	120.241	120.157	120.151	119.702	119.800
50+650.000	120.241	120.241	120.173	120.174	119.471	119.438
50+675.000	120.240	120.240	120.180	120.188	119.172	118.955
50+700.000	120.239	120.239	120.152	120.152	118.995	118.858
50+725.000	120.238	120.238	120.139	120.146	119.372	119.045
50+750.000	120.237	120.237	120.136	120.155	119.399	119.372
50+775.000	120.237	120.237	120.107	120.123	119.739	119.290
50+800.000	120.236	120.236	120.081	120.087	119.646	119.008
50+825.000	120.235	120.235	120.048	120.048	119.602	119.011
50+850.000	120.234	120.234	120.025	120.046	119.849	119.141
50+875.000	120.233	120.233	120.029	120.031	119.830	118.857
50+900.000	120.233	120.233	120.017	120.020	119.863	119.451
50+925.000	120.232	120.232	120.007	120.000	119.539	119.852
50+950.000	120.231	120.231	120.084	120.084	119.420	120.170
50+975.000	120.230	120.230	120.141	120.141	119.317	120.051
51+000.000	120.230	120.230	120.038	120.043	119.630	119.833

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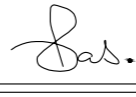



CLIENT :  
  
**NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**  
 (MINISTRY OF ROAD TRANSPORT AND HIGHWAYS)  
 GOVERNMENT OF INDIA

PROJECT :  
**CONSULTANCY SERVICES FOR PREPARATION OF DETAILED PROJECT REPORT FOR DEVELOPMENT OF ECONOMIC CORRIDORS, INTER CORRIDORS AND FEEDER ROUTES TO IMPROVE THE EFFICIENCY OF FREIGHT MOVEMENTS IN INDIA UNDER BHARATMALA PARIYOJANA (LOT-1:PACKAGE IV)**

DESIGN CONSULTANT:  
  
**VOYANTS SOLUTIONS PVT LTD.**  
 403, 4th Floor, Park Centra,  
 Sector-30, NH-8  
 Gurugram-122001, Haryana, India  
 CIN: U74140HR2004PTC046918  
 Ph: 0124-4598200, Fax: 0124-4019051,  
 E-mail: info@voyants.in, www.voyants.in

**Detailed Project Report**

REV.	DATE	DESCRIPTION

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
PD/PS	SS/SP	DGR	SKC
			

SCALE : HOR 1:2500  
VER 1:250

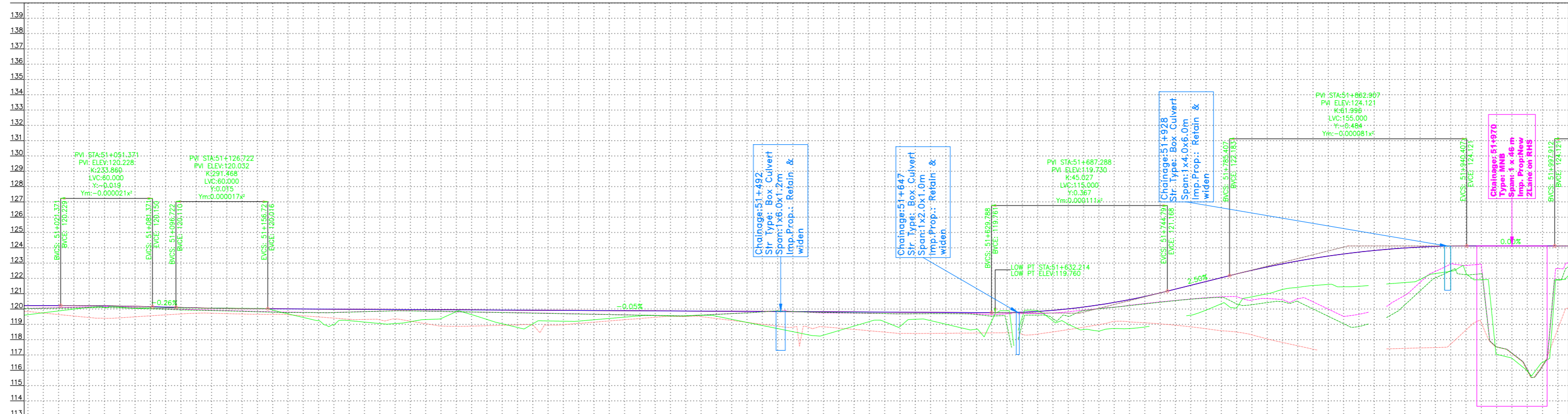
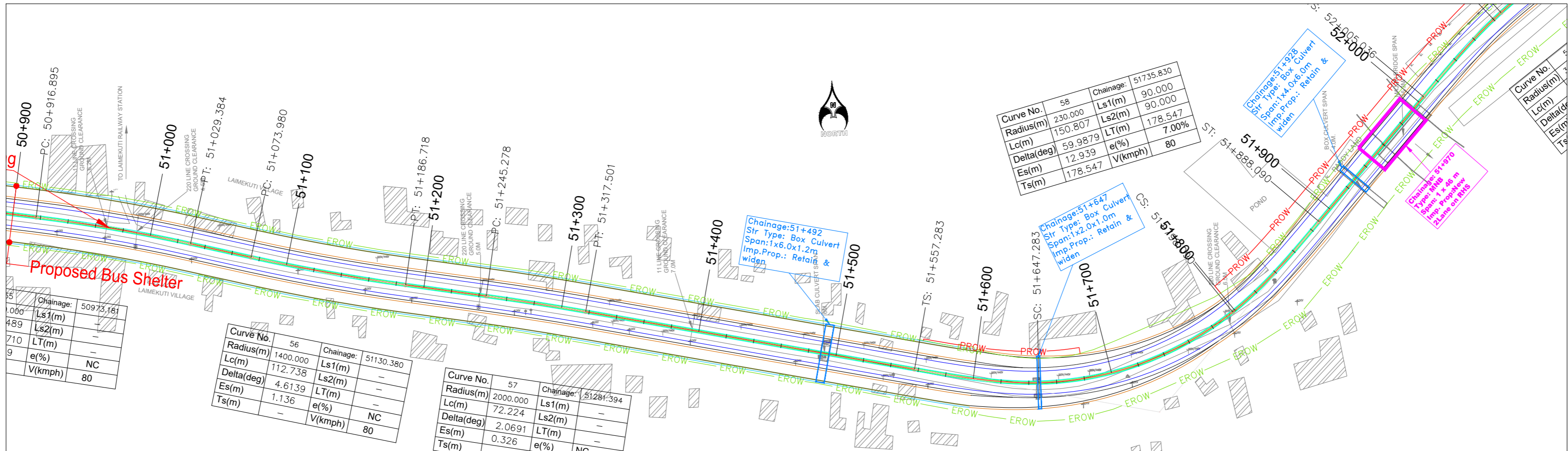
SHEET SIZE : A2

TITLE :  
**Plan and Profile**  
 (km 50+000 to km 51+000)

DRG. No. :  
 VSPL/1718-082/DPR/PKG-4/NH-515/S2/P23


REVISION:R1

December 2022



STATION (m)	PROPOSED LME DESIGN EDGE (m)	PROPOSED RME PROFILE LEVEL (m)	EXISTING GROUND LEVEL LME (m)	EXISTING GROUND LEVEL RME (m)	EXISTING 20M LEFT GROUND LEVEL (m)	EXISTING 20M RIGHT GROUND LEVEL (m)	HORIZONTAL ALIGNMENT	VERTICAL GEOMETRY LME	VERTICAL GEOMETRY RME
50+900.000	120.230	120.230	120.035	120.043	119.833	119.630	R=44.596	60.00	60.00
51+025.000	120.228	120.228	120.065	120.101	119.850	119.630	L=112.738m R=1400.000m	60.00	60.00
51+050.000	120.210	120.210	120.101	120.141	119.870	119.630		60.00	60.00
51+075.000	120.166	120.166	120.033	120.081	119.890	119.630		60.00	60.00
51+100.000	120.102	120.102	119.950	120.000	119.910	119.630		60.00	60.00
51+125.000	120.050	120.050	119.892	120.000	119.910	119.630		60.00	60.00
51+150.000	120.000	120.000	119.824	120.000	119.910	119.630		60.00	60.00
51+175.000	120.006	120.006	119.772	120.006	119.910	119.630		60.00	60.00
51+200.000	119.993	119.993	119.772	119.993	119.910	119.630		60.00	60.00
51+225.000	119.979	119.979	119.842	119.979	119.910	119.630		60.00	60.00
51+250.000	119.966	119.966	119.876	119.966	119.910	119.630		60.00	60.00
51+275.000	119.952	119.952	119.840	119.952	119.910	119.630		60.00	60.00
51+300.000	119.939	119.939	119.790	119.939	119.910	119.630		60.00	60.00
51+325.000	119.925	119.925	119.742	119.925	119.910	119.630		60.00	60.00
51+350.000	119.912	119.912	119.694	119.912	119.910	119.630		60.00	60.00
51+375.000	119.898	119.898	119.646	119.898	119.910	119.630		60.00	60.00
51+400.000	119.885	119.885	119.598	119.885	119.910	119.630		60.00	60.00
51+425.000	119.871	119.871	119.550	119.871	119.910	119.630		60.00	60.00
51+450.000	119.858	119.858	119.502	119.858	119.910	119.630		60.00	60.00
51+475.000	119.845	119.845	119.454	119.845	119.910	119.630		60.00	60.00
51+500.000	119.831	119.831	119.406	119.831	119.910	119.630		60.00	60.00
51+525.000	119.818	119.818	119.358	119.818	119.910	119.630		60.00	60.00
51+550.000	119.804	119.804	119.310	119.804	119.910	119.630		60.00	60.00
51+575.000	119.791	119.791	119.262	119.791	119.910	119.630		60.00	60.00
51+600.000	119.777	119.777	119.214	119.777	119.910	119.630		60.00	60.00
51+625.000	119.764	119.764	119.166	119.764	119.910	119.630		60.00	60.00
51+650.000	119.750	119.750	119.118	119.750	119.910	119.630		60.00	60.00
51+675.000	119.736	119.736	119.070	119.736	119.910	119.630		60.00	60.00
51+700.000	120.271	120.271	120.016	120.271	120.271	120.271	L=90.00m	115.00	115.00
51+725.000	120.717	120.717	120.280	120.717	120.717	120.717		115.00	115.00
51+750.000	121.298	121.298	120.550	121.298	121.298	121.298		115.00	115.00
51+775.000	121.923	121.923	120.746	121.923	121.923	121.923		115.00	115.00
51+800.000	122.551	122.551	120.284	122.551	122.551	122.551		115.00	115.00
51+825.000	123.047	123.047	120.370	123.047	123.047	123.047		115.00	115.00
51+850.000	123.462	123.462	119.524	123.462	123.462	123.462		115.00	115.00
51+875.000	123.776	123.776	118.993	123.776	123.776	123.776		115.00	115.00
51+900.000	123.989	123.989	120.276	123.989	123.989	123.989		115.00	115.00
51+925.000	124.102	124.102	122.260	124.102	124.102	124.102		115.00	115.00
51+950.000	124.121	124.121	122.300	124.121	124.121	124.121		115.00	115.00
51+975.000	124.121	124.121	116.740	124.121	124.121	124.121		115.00	115.00
52+000.000	124.121	124.121	116.601	124.121	124.121	124.121		115.00	115.00

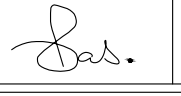



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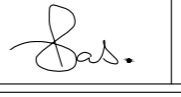



CLIENT :  
  
**NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**  
 (MINISTRY OF ROAD TRANSPORT AND HIGHWAYS)  
 GOVERNMENT OF INDIA

PROJECT :  
**CONSULTANCY SERVICES FOR PREPARATION OF DETAILED PROJECT REPORT FOR DEVELOPMENT OF ECONOMIC CORRIDORS, INTER CORRIDORS AND FEEDER ROUTES TO IMPROVE THE EFFICIENCY OF FREIGHT MOVEMENTS IN INDIA UNDER BHARATMALA PARIYOJANA (LOT-1:PACKAGE IV)**

DESIGN CONSULTANT:  
  
**VOYANTS SOLUTIONS PVT LTD.**  
 403, 4th Floor, Park Centra,  
 Sector-30, NH-8  
 Gurugram-122001, Haryana, India  
 CIN: U74140HR2004PTC046918  
 Ph: 0124-4598200, Fax: 0124-4019051,  
 E-mail: info@voyants.in, www.voyants.in

**Detailed Project Report**

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
PD/PS	SS/SP	DGR	SKC
			
REV. DATE	DESCRIPTION		

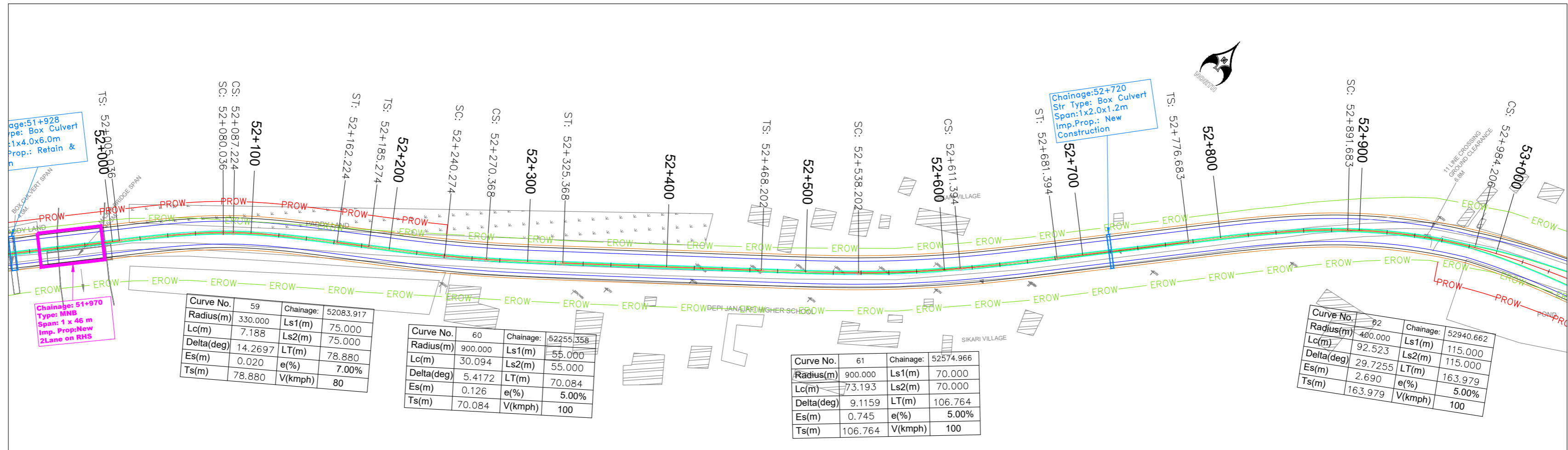
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
PD/PS	SS/SP	DGR	SKC
			
SCALE :	HOR 1:2500 VER 1:250	SHEET SIZE	A2

TITLE :  
**Plan and Profile**  
 (km 51+000 to km 52+000)

DRG. No. :  
 VSPL/1718-082/DPR/PKG-4/NH-515/S2/PP-24

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December 2022

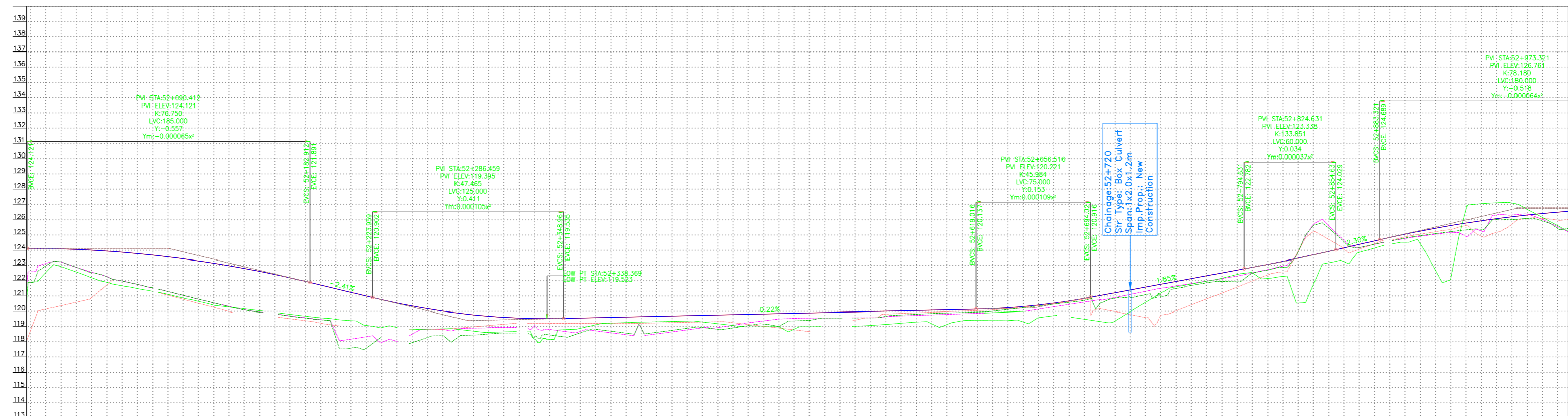


Curve No.	59	Chainage:	52083.917
Radius(m)	330.000	Ls1(m)	75.000
Lc(m)	7.188	Ls2(m)	75.000
Delta(deg)	14.2697	LT(m)	78.880
Es(m)	0.020	e(%)	7.00%
Ts(m)	78.880	V(kmph)	80

Curve No.	60	Chainage:	52255.358
Radius(m)	900.000	Ls1(m)	55.000
Lc(m)	30.094	Ls2(m)	55.000
Delta(deg)	5.4172	LT(m)	70.084
Es(m)	0.126	e(%)	5.00%
Ts(m)	70.084	V(kmph)	100

Curve No.	61	Chainage:	52574.966
Radius(m)	900.000	Ls1(m)	70.000
Lc(m)	73.193	Ls2(m)	70.000
Delta(deg)	9.1159	LT(m)	106.764
Es(m)	0.745	e(%)	5.00%
Ts(m)	106.764	V(kmph)	100

Curve No.	92	Chainage:	52940.662
Radius(m)	400.000	Ls1(m)	115.000
Lc(m)	92.523	Ls2(m)	115.000
Delta(deg)	29.7255	LT(m)	163.979
Es(m)	2.690	e(%)	5.00%
Ts(m)	163.979	V(kmph)	100



PROPOSED LME DESIGN EDGE (m)	124.121	124.121	124.073	124.073	123.944	123.944	123.734	123.734	123.442	123.442	123.089	123.089	122.614	122.614	122.078	122.078	121.479	121.479	120.877	120.877	120.346	120.346	119.946	119.946	119.678	119.678	119.542	119.542	119.537	119.537	119.593	119.593	119.649	119.649	119.704	119.704	119.760	119.760	119.816	119.816	119.872	119.872	119.928	119.928	119.983	119.983	120.039	120.039	120.095	120.095	120.151	120.151	120.311	120.311	120.471	120.471	120.631	120.631	120.791	120.791	120.951	120.951	121.111	121.111	121.271	121.271	121.431	121.431	121.591	121.591	121.751	121.751	121.911	121.911	122.071	122.071	122.231	122.231	122.391	122.391	122.551	122.551	122.711	122.711	122.871	122.871	123.031	123.031	123.191	123.191	123.351	123.351	123.511	123.511	123.671	123.671	123.831	123.831	123.991	123.991	124.151	124.151	124.311	124.311	124.471	124.471	124.631	124.631	124.791	124.791	124.951	124.951	125.111	125.111	125.271	125.271	125.431	125.431	125.591	125.591	125.751	125.751	125.911	125.911	126.071	126.071	126.231	126.231	126.391	126.391	126.551	126.551	126.711	126.711	126.871	126.871	127.031	127.031	127.191	127.191	127.351	127.351	127.511	127.511	127.671	127.671	127.831	127.831	127.991	127.991	128.151	128.151	128.311	128.311	128.471	128.471	128.631	128.631	128.791	128.791	128.951	128.951	129.111	129.111	129.271	129.271	129.431	129.431	129.591	129.591	129.751	129.751	129.911	129.911	130.071	130.071	130.231	130.231	130.391	130.391	130.551	130.551	130.711	130.711	130.871	130.871	131.031	131.031	131.191	131.191	131.351	131.351	131.511	131.511	131.671	131.671	131.831	131.831	131.991	131.991	132.151	132.151	132.311	132.311	132.471	132.471	132.631	132.631	132.791	132.791	132.951	132.951	133.111	133.111	133.271	133.271	133.431	133.431	133.591	133.591	133.751	133.751	133.911	133.911	134.071	134.071	134.231	134.231	134.391	134.391	134.551	134.551	134.711	134.711	134.871	134.871	135.031	135.031	135.191	135.191	135.351	135.351	135.511	135.511	135.671	135.671	135.831	135.831	135.991	135.991	136.151	136.151	136.311	136.311	136.471	136.471	136.631	136.631	136.791	136.791	136.951	136.951	137.111	137.111	137.271	137.271	137.431	137.431	137.591	137.591	137.751	137.751	137.911	137.911	138.071	138.071	138.231	138.231	138.391	138.391	138.551	138.551	138.711	138.711	138.871	138.871	139.031	139.031	139.191	139.191	139.351	139.351	139.511	139.511	139.671	139.671	139.831	139.831	139.991	139.991	140.151	140.151	140.311	140.311	140.471	140.471	140.631	140.631	140.791	140.791	140.951	140.951	141.111	141.111	141.271	141.271	141.431	141.431	141.591	141.591	141.751	141.751	141.911	141.911	142.071	142.071	142.231	142.231	142.391	142.391	142.551	142.551	142.711	142.711	142.871	142.871	143.031	143.031	143.191	143.191	143.351	143.351	143.511	143.511	143.671	143.671	143.831	143.831	143.991	143.991	144.151	144.151	144.311	144.311	144.471	144.471	144.631	144.631	144.791	144.791	144.951	144.951	145.111	145.111	145.271	145.271	145.431	145.431	145.591	145.591	145.751	145.751	145.911	145.911	146.071	146.071	146.231	146.231	146.391	146.391	146.551	146.551	146.711	146.711	146.871	146.871	147.031	147.031	147.191	147.191	147.351	147.351	147.511	147.511	147.671	147.671	147.831	147.831	147.991	147.991	148.151	148.151	148.311	148.311	148.471	148.471	148.631	148.631	148.791	148.791	148.951	148.951	149.111	149.111	149.271	149.271	149.431	149.431	149.591	149.591	149.751	149.751	149.911	149.911	150.071	150.071	150.231	150.231	150.391	150.391	150.551	150.551	150.711	150.711	150.871	150.871	151.031	151.031	151.191	151.191	151.351	151.351	151.511	151.511	151.671	151.671	151.831	151.831	151.991	151.991	152.151	152.151	152.311	152.311	152.471	152.471	152.631	152.631	152.791	152.791	152.951	152.951	153.111	153.111	153.271	153.271	153.431	153.431	153.591	153.591	153.751	153.751	153.911	153.911	154.071	154.071	154.231	154.231	154.391	154.391	154.551	154.551	154.711	154.711	154.871	154.871	155.031	155.031	155.191	155.191	155.351	155.351	155.511	155.511	155.671	155.671	155.831	155.831	155.991	155.991	156.151	156.151	156.311	156.311	156.471	156.471	156.631	156.631	156.791	156.791	156.951	156.951	157.111	157.111	157.271	157.271	157.431	157.431	157.591	157.591	157.751	157.751	157.911	157.911	158.071	158.071	158.231	158.231	158.391	158.391	158.551	158.551	158.711	158.711	158.871	158.871	159.031	159.031	159.191	159.191	159.351	159.351	159.511	159.511	159.671	159.671	159.831	159.831	159.991	159.991	160.151	160.151	160.311	160.311	160.471	160.471	160.631	160.631	160.791	160.791	160.951	160.951	161.111	161.111	161.271	161.271	161.431	161.431	161.591	161.591	161.751	161.751	161.911	161.911	162.071	162.071	162.231	162.231	162.391	162.391	162.551	162.551	162.711	162.711	162.871	162.871	163.031	163.031	163.191	163.191	163.351	163.351	163.511	163.511	163.671	163.671	163.831	163.831	163.991	163.991	164.151	164.151	164.311	164.311	164.471	164.471	164.631	164.631	164.791	164.791	164.951	164.951	165.111	165.111	165.271	165.271	165.431	165.431	165.591	165.591	165.751	165.751	165.911	165.911	166.071	166.071	166.231	166.231	166.391	166.391	166.551	166.551	166.711	166.711	166.871	166.871	167.031	167.031	167.191	167.191	167.351	167.351	167.511	167.511	167.671	167.671	167.831	167.831	167.991	167.991	168.151	168.151	168.311	168.311	168.471	168.471	168.631	168.631	168.791	168.791	168.951	168.951	169.111	169.111	169.271	169.271	169.431	169.431	169.591	169.591	169.751	169.751	169.911	169.911	170.071	170.071	170.231	170.231	170.391	170.391	170.551	170.551	170.711	170.711	170.871	170.871	171.031	171.031	171.191	171.191	171.351	171.351	171.511	171.511	171.671	171.671	171.831	171.831	171.991	171.991	172.151	172.151	172.311	172.311	172.471	172.471	172.631	172.631	172.791	172.791	172.951	172.951	173.111	173.111	173.271	173.271	173.431	173.431	173.591	173.591	173.751	173.751	173.911	173.911	174.071	174.071	174.231	174.231	174.391	174.391	174.551	174.551	174.711	174.711	174.871	174.871	175.031	175.031	175.191	175.191	175.351	175.351	175.511	175.511	175.671	175.671	175.831	175.831	175.991	175.991	176.151	176.151	176.311	176.311	176.471	176.471	176.631	176.631	176.791	176.791	176.951	176.951	177.111	177.111	177.271	177.271	177.431	177.431	177.591	177.591	177.751	177.751	177.911	177.911	178.071	178.071	178.231	178.231	178.391	178.391	178.551	178.551	178.711	178.711	178.871	178.871	179.031	179.031	179.191	179.191	179.351	179.351	179.511	179.511	179.671	179.671	179.831	179.831	179.991	179.991	180.151	180.151	180.311	180.311	180.471	180.471	180.631	180.631	180.791	180.791	180.951	180.951	181.111	181.111	181.271	181.271	181.431	181.431	181.591	181.591	181.751	181.751	181.911	181.911	182.071	182.071	182.231	182.231	182.391	182.391	182.551	182.551	182.711	182.711	182.871	182.871	183.031	183.031	183.191	183.191	183.351	183.351	183.511	183.511	183.671	183.671	183.831	183.831	183.991	183.991	184.151	184.151	184.311	184.311	184.471	184.471	184.631	184.631	184.791	184.791	184.951	184.951	185.111	185.111	185.271	185.271	185.431	185.431	185.591	185.591	185.751	185.751	185.911	185.911	186.071	186.071	186.231	186.231	186.391	186.391	186.551	186.551	186.711	186.711	186.871	186.871	187.031	187.031	187.191	187.191	187.351</
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