



Government of Nepal
Ministry of Urban Development
Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
Pulchowk, Lalitpur

Detailed Project Report Preparation of Rural Connectivity Improvement Project (RCIP) – Phase 2 for Bagmati Province (RFP No: DoLI/RCIP/DPR-02/2019)

**Lubughat - Bethan - Sunapati Ga. Pa. - Galpa - Doramba Road,
Ramechhap District**

Final Report Volume III: Drawings (Ch 0+000 to Ch 16+000)

2022

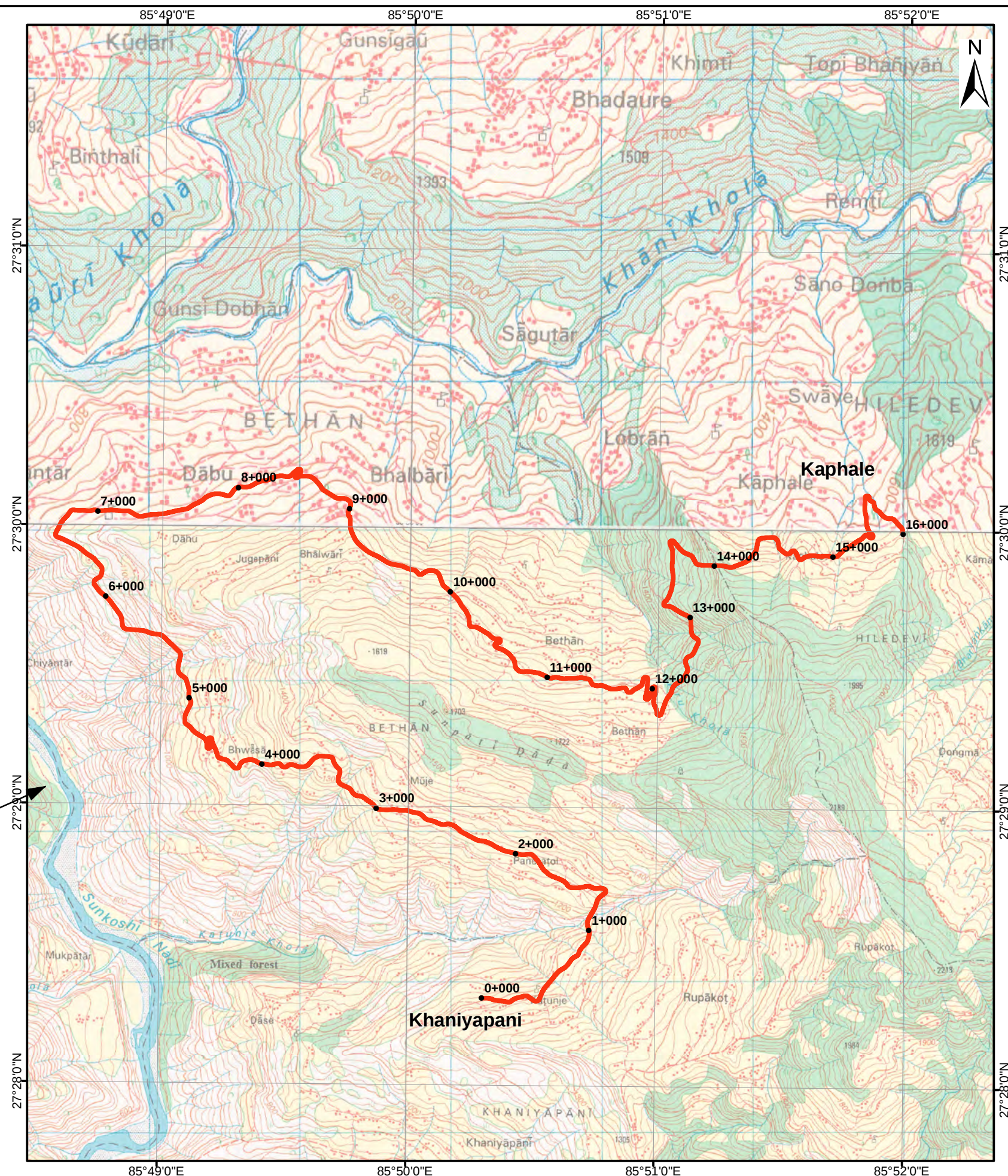
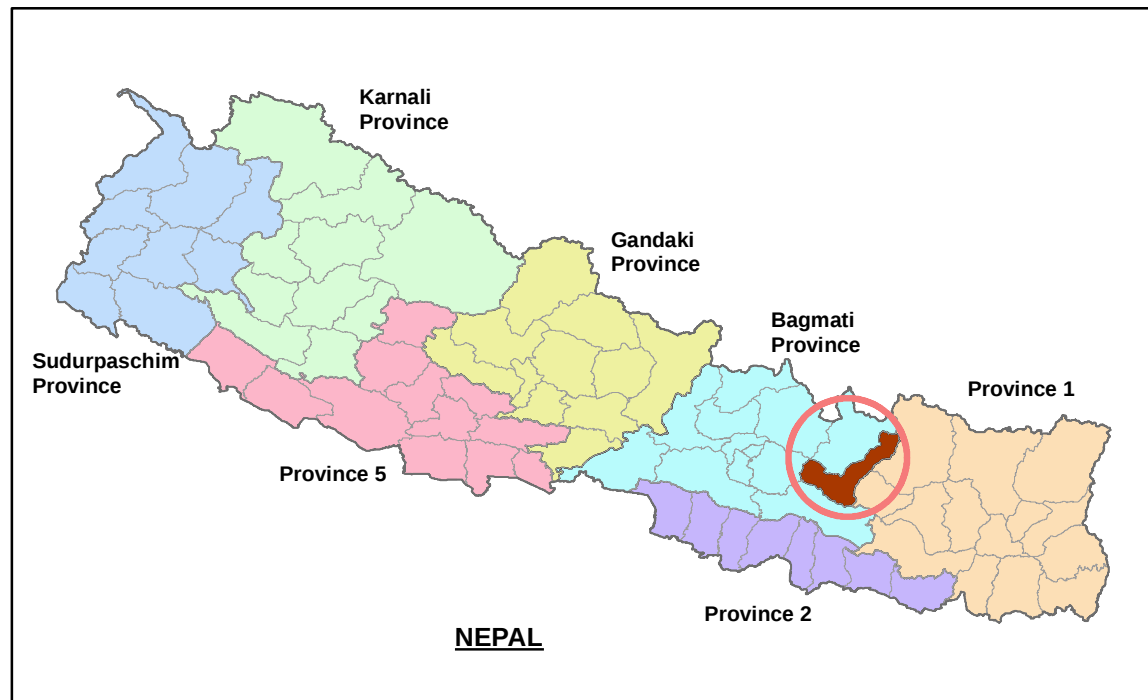
Joint Venture of AVIYAAN-SOILTEST-CARD

254 Ekata Marga, New Baneshwor
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AVIYAAN
Consulting (P) Ltd



GENERAL DRAWINGS



 Government of Nepal Ministry of Urban Development Department of Local Infrastructure (DoLI) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur	Consultant: Joint Venture of AVIYAAN - SOILTEST - CARD 254 Ekata Marg, New Baneshwor, Kathmandu-31, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com	Lubhughat-Bethan- Sunapati Ga. Pa. -Galpa-Doramba Road Chainage 0+000 to 16+000	DATE	REVISION	SIGNATURE	DESIGNED BY:	SCALE Scale to fit	PROJECT LOCATION MAP	DATE:
						DRAWN BY:			DRG. No: LM
						CHECKED BY:			SHEET No: 01
						APPROVED BY:			

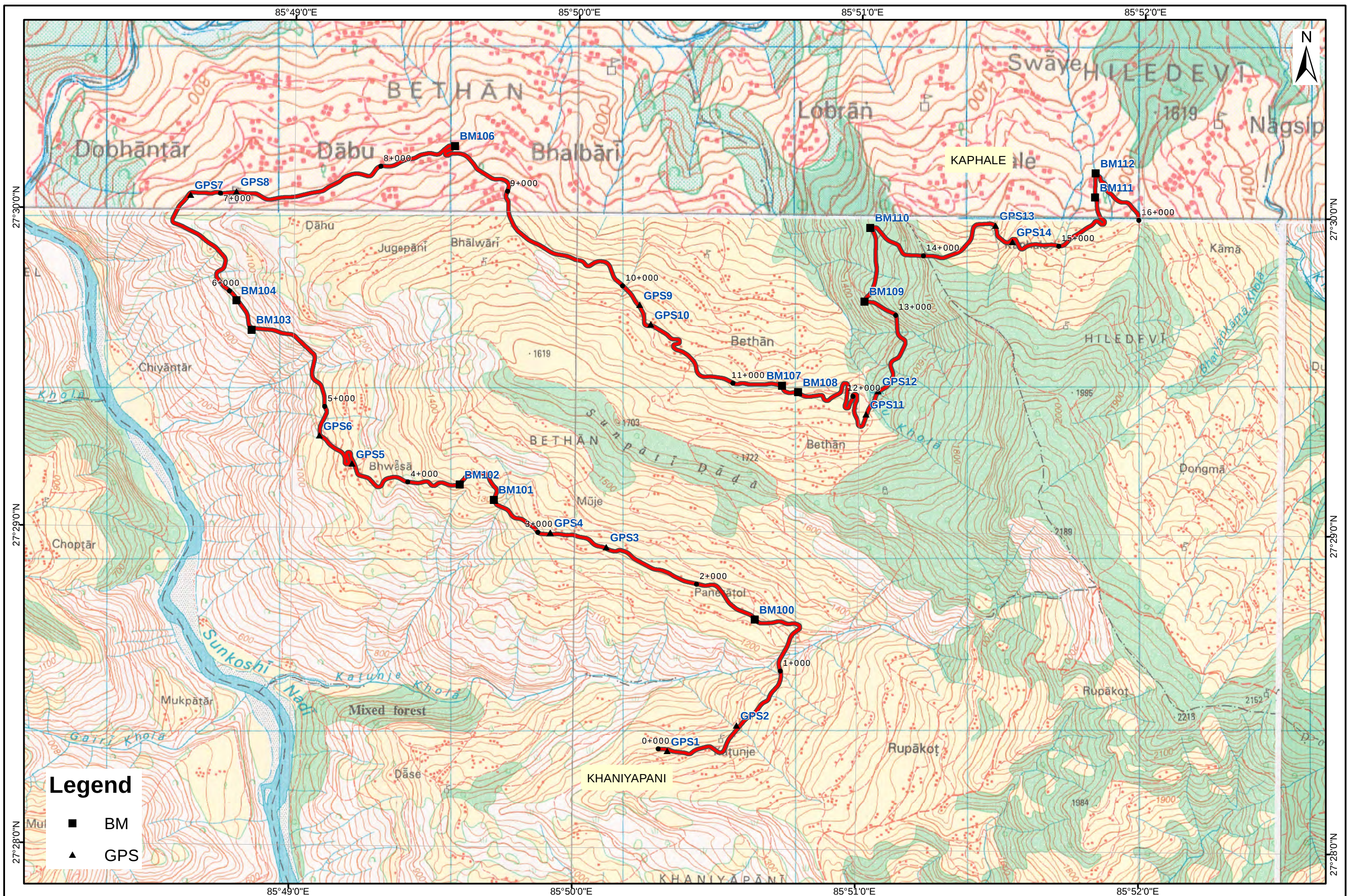
List of Permanent Control Points

List of GPS

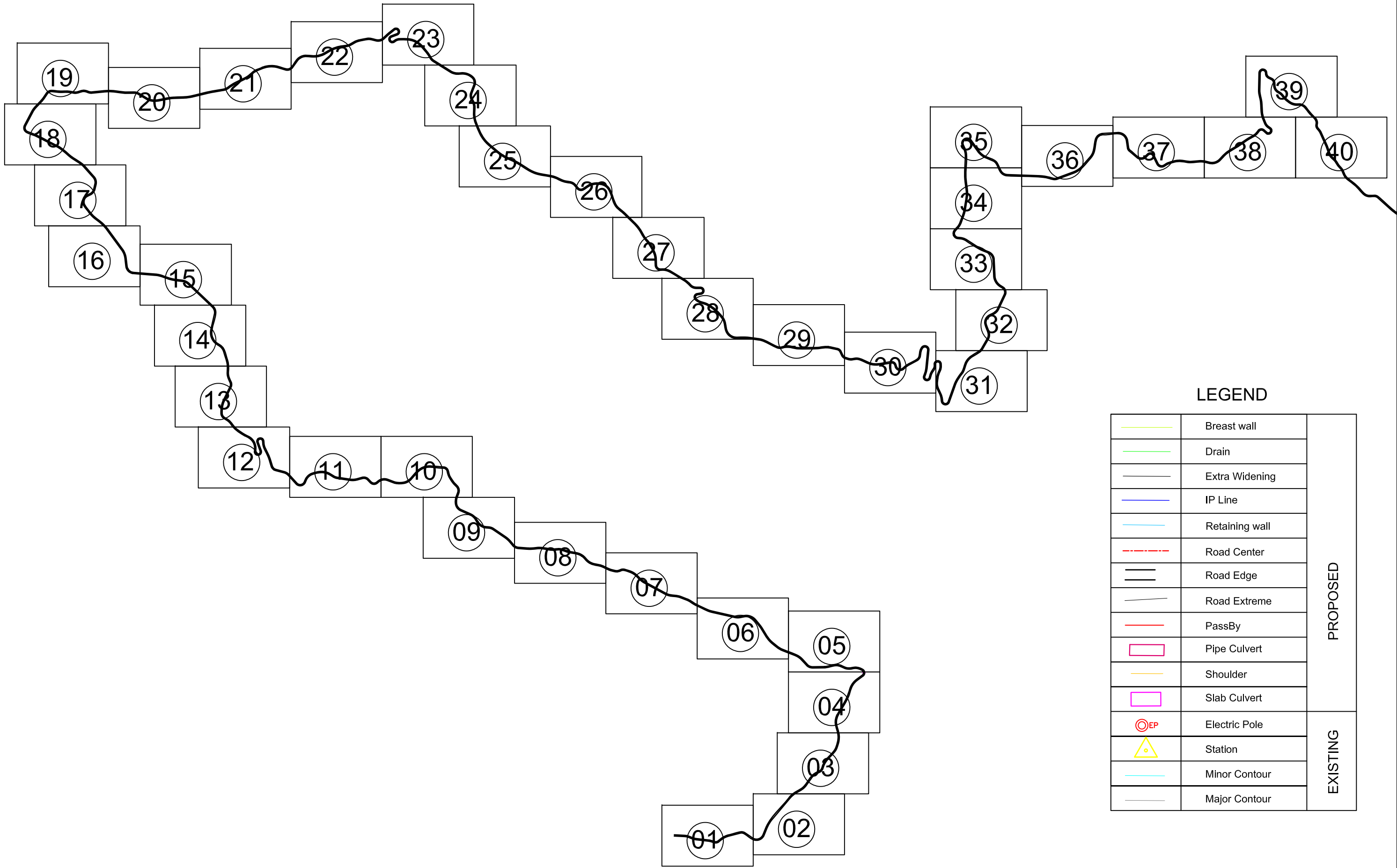
S.N	Station	Easting	Northing	Elevation
1	GPS1	385,281.273	3,039,226.735	1,250.747
2	GPS2	385,684.912	3,039,374.832	1,290.742
3	GPS3	384,927.965	3,040,413.584	1,343.474
4	GPS4	384,601.624	3,040,495.767	1,338.850
5	GPS5	383,449.652	3,040,896.824	1,254.991
6	GPS6	383,258.933	3,041,060.923	1,216.011
7	GPS7	382,511.278	3,042,462.349	1,109.147
8	GPS8	382,777.537	3,042,480.403	1,107.336
9	GPS9	385,122.361	3,041,819.871	1,385.944
10	GPS10	385,186.185	3,041,706.214	1,404.415
11	GPS11	386,438.364	3,041,182.799	1,648.511
12	GPS12	386,509.573	3,041,319.228	1,665.455
13	GPS13	387,192.257	3,042,283.262	1,698.697
14	GPS14	387,290.209	3,042,188.429	1,693.111
15	GPS15	388,279.357	3,042,032.933	1,563.020
16	GPS16	388,543.800	3,041,922.788	1,531.467
17	GPS17	389,028.898	3,042,178.212	1,707.014
18	GPS18	389,185.266	3,042,363.449	1,695.219
19	GPS19	389,877.545	3,042,796.507	1,712.180
20	GPS20	389,881.050	3,042,706.740	1,726.244
21	GPS21	391,029.715	3,041,279.239	1,884.226
22	GPS22	391,077.681	3,041,197.320	1,905.324
23	GPS23	391,912.657	3,041,249.458	2,010.803
24	GPS24	392,046.421	3,041,228.612	2,002.229
25	GPS25	392,488.621	3,041,465.359	2,116.198
26	GPS26	392,472.692	3,041,574.329	2,126.515
27	GPS27	393,259.852	3,042,018.062	2,284.763
28	GPS28	393,641.779	3,042,125.920	2,276.322
29	GPS29	394,377.142	3,042,718.720	2,139.785
30	GPS30	394,492.131	3,042,792.122	2,128.844
31	GPS31	393,933.552	3,044,692.408	1,872.119
32	GPS32	393,838.508	3,044,734.800	1,868.810

List of BM

S.N	Station	Easting	Northing	Elevation
1	BM100	385,790.856	3,039,990.732	1,322.552
2	BM101	384,274.160	3,040,686.123	1,350.663
3	BM102	384,075.202	3,040,775.503	1,336.334
4	BM103	382,865.157	3,041,677.206	1,164.025
5	BM104	382,777.208	3,041,847.138	1,153.020
6	BM106	384,047.837	3,042,745.620	1,195.469
7	BM107	385,951.229	3,041,352.028	1,506.139
8	BM108	386,042.933	3,041,313.326	1,523.130
9	BM109	386,430.393	3,041,839.620	1,655.281
10	BM110	386,463.978	3,042,268.118	1,672.138
11	BM111	387,770.303	3,042,445.142	1,641.064
12	BM112	387,775.235	3,042,585.144	1,628.807
13	BM113	389,143.228	3,041,705.240	1,574.310
14	BM114	389,232.738	3,041,650.515	1,591.564
15	BM115	389,237.902	3,043,076.751	1,672.910
16	BM116	390,572.958	3,041,937.557	1,776.997
17	BM117	390,744.513	3,041,713.354	1,834.481
18	BM118	391,643.949	3,041,150.815	1,952.756
19	BM120	392,407.767	3,041,067.094	2,065.599
20	BM121	392,723.804	3,041,783.584	2,203.033
21	BM122	393,739.032	3,042,387.204	2,233.455
22	BM123	393,826.881	3,042,441.995	2,219.475
23	BM124	394,802.297	3,043,324.283	2,107.777
24	BM125	394,774.625	3,043,432.566	2,088.685
25	BM126	394,373.053	3,044,064.008	1,963.760



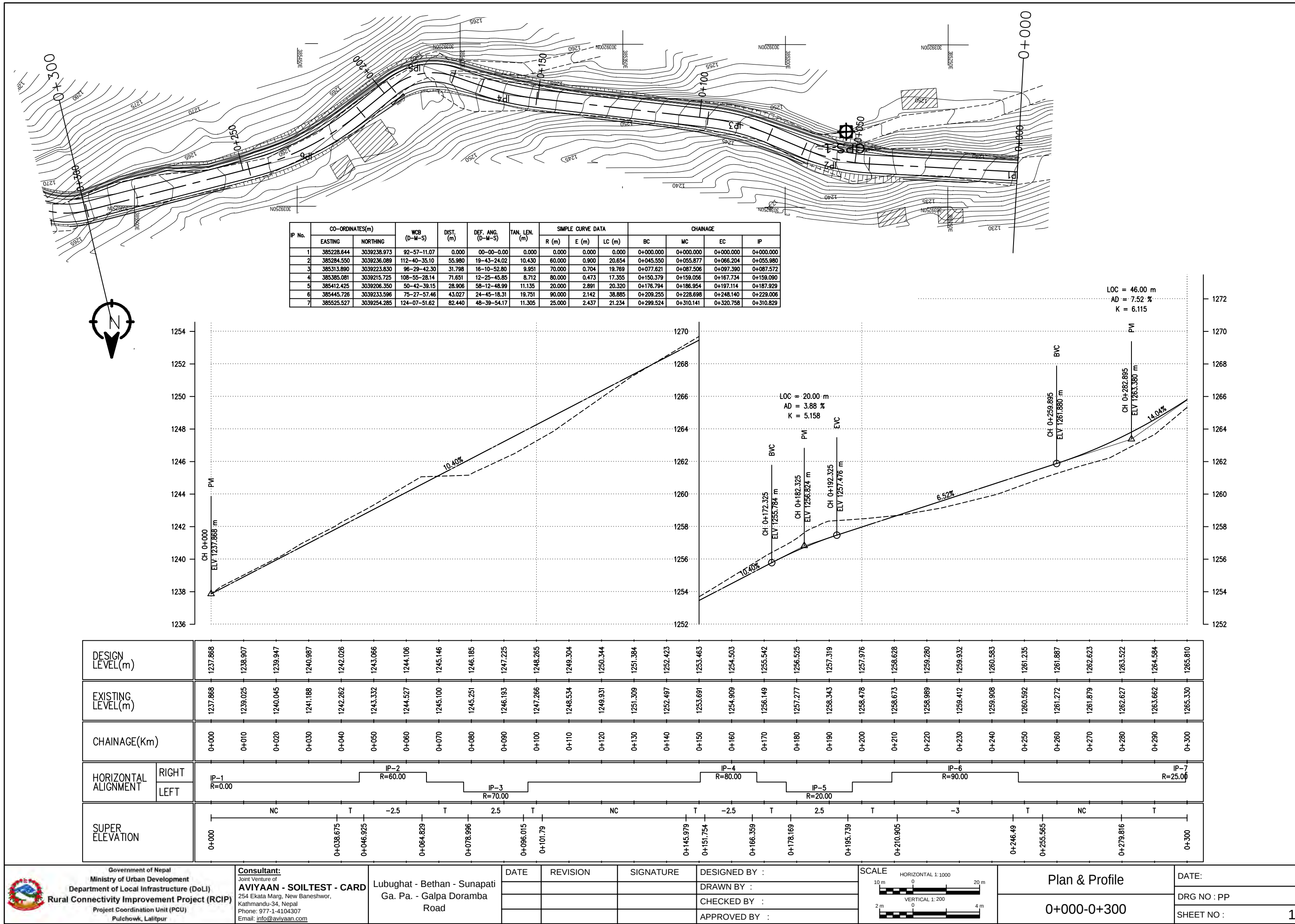
 Government of Nepal Ministry of Urban Development Department of Local Infrastructure (DoLI) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur	Consultant: Joint Venture of AVIYAAN - SOILTEST - CARD 254 Ekata Marg, New Baneshwor, Kathmandu-31, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com	Lubhughat-Bethan- Sunapati Ga. Pa. -Galpa-Doramba Road Chainage 0+000 to 16+000	DATE	REVISION	SIGNATURE	DESIGNED BY:	SCALE Scale to fit	PERMANENT CONTROL POINTS	DATE:
						DRAWN BY:			DRG. No: LM
						CHECKED BY:			SHEET No: 01
						APPROVED BY:			

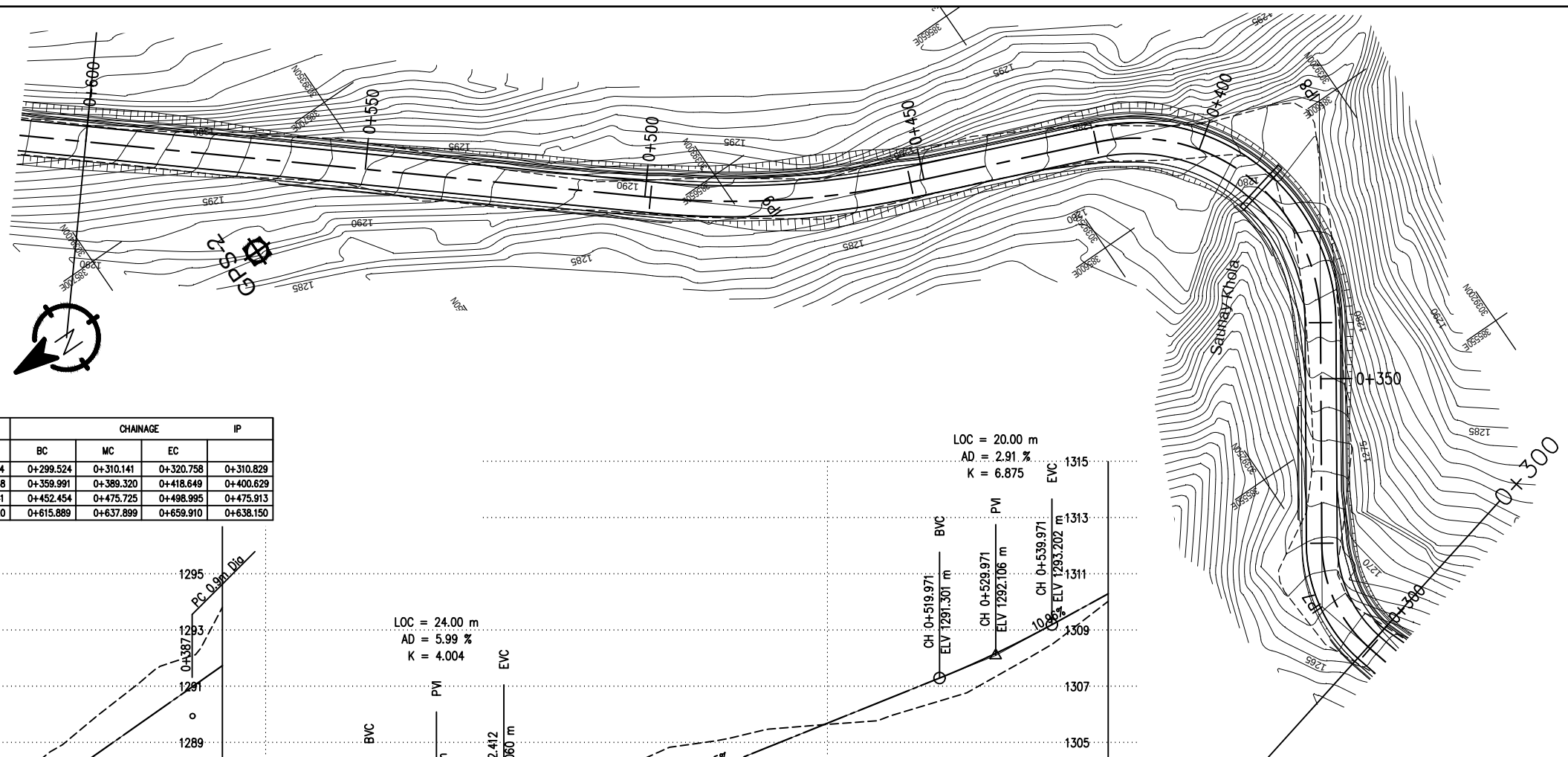


LEGEND

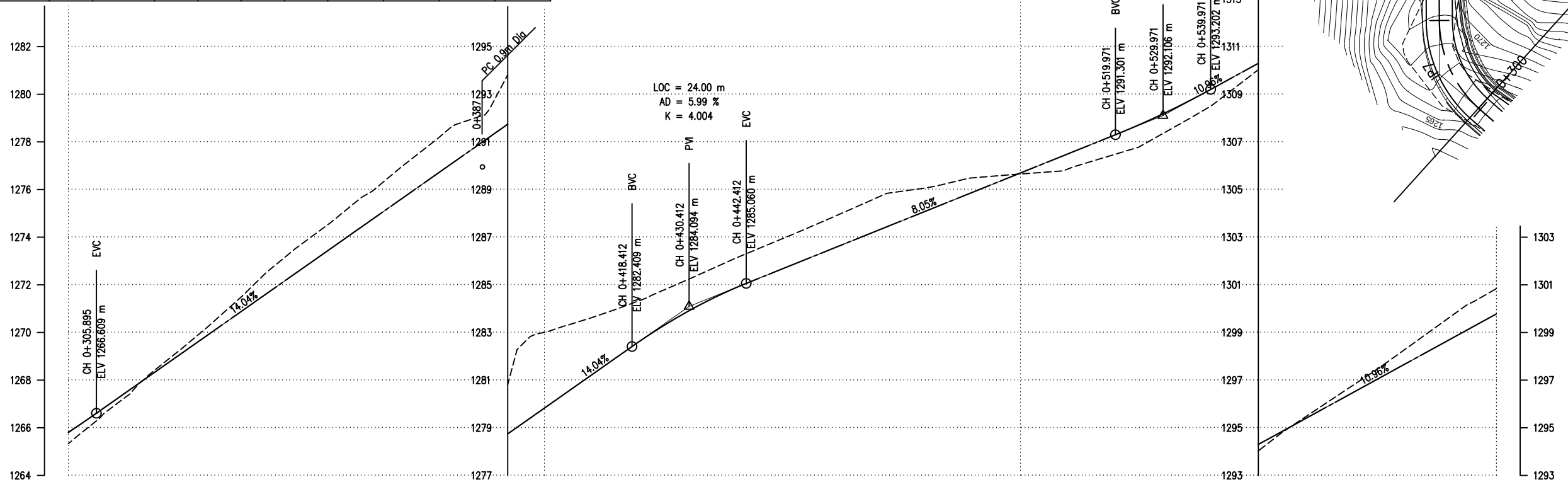
	Breast wall	PROPOSED
	Drain	
	Extra Widening	
	IP Line	
	Retaining wall	
	Road Center	
	Road Edge	
	Road Extreme	
	PassBy	
	Pipe Culvert	
	Shoulder	
	Slab Culvert	
	Electric Pole	EXISTING
	Station	
	Minor Contour	
	Major Contour	

PLAN AND PROFILE



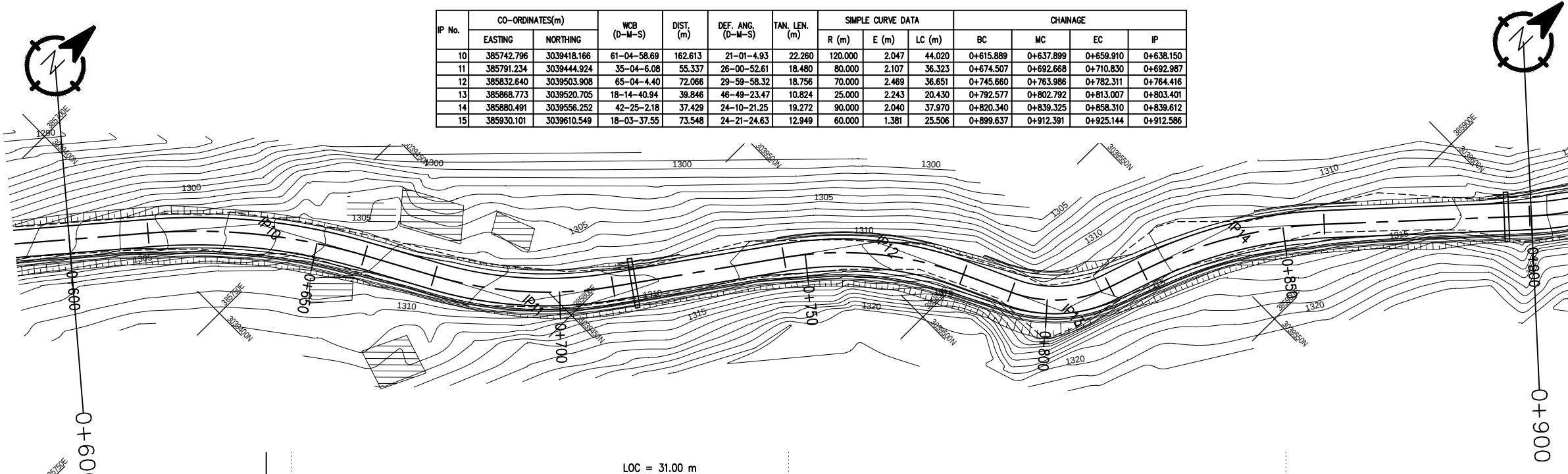


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			IP
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	
7	385525.527	3039254.285	124-07-51.62	82.440	48-39-54.17	11.305	25.000	2.437	21.234	0+299.524	0+310.141	0+320.758	0+310.829
8	385600.999	3039203.127	22-17-15.21	91.176	101-50-36.41	40.638	33.000	19.349	58.658	0+359.991	0+389.320	0+418.649	0+400.629
9	385638.129	3039293.716	40-03-53.76	97.903	17-46-38.55	23.459	150.000	1.823	46.541	0+452.454	0+475.725	0+498.995	0+475.913
10	385742.796	3039418.166	61-04-58.69	162.613	21-01-4.93	22.260	120.000	2.047	44.020	0+615.889	0+637.899	0+659.910	0+638.150

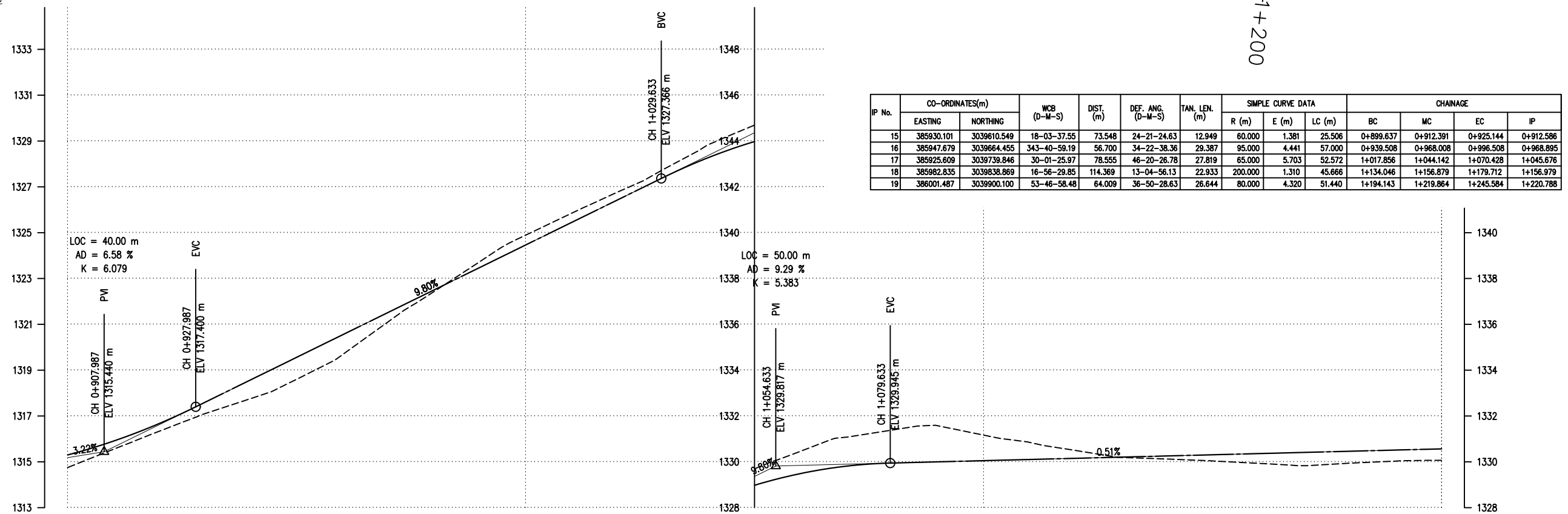


DESIGN LEVEL(m)		1265.810 1267.186 1268.590 1269.994 1271.398 1272.803 1274.207 1275.611 1277.015 1278.419 1279.824 1281.228 1282.629 1283.869 1284.858 1285.670 1286.475 1287.280 1288.085 1288.889 1289.694 1290.499 1291.304 1292.181 1293.205 1294.300 1295.396 1296.492 1297.587 1298.683 1299.779																													
EXISTING LEVEL(m)		1265.330 1266.981 1268.715 1270.365 1272.206 1273.860 1275.413 1276.956 1278.551 1279.950 1283.004 1283.626 1284.340 1285.207 1286.103 1286.938 1287.789 1288.669 1289.063 1289.492 1289.654 1289.864 1290.486 1291.359 1292.499 1294.033 1295.472 1296.799 1298.176 1299.612 1300.840																													
CHAINAGE(Km)		0+300 0+310 0+320 0+330 0+340 0+350 0+360 0+370 0+380 0+390 0+400 0+410 0+420 0+430 0+440 0+450 0+460 0+470 0+480 0+490 0+500 0+510 0+520 0+530 0+540 0+550 0+560 0+570 0+580 0+590 0+600																													
HORIZONTAL ALIGNMENT	RIGHT	IP-7 R=25.00																													
	LEFT	IP-8 R=33.00																													
SUPER ELEVATION		T -7 T 6.5 T -3.5 T NC																													

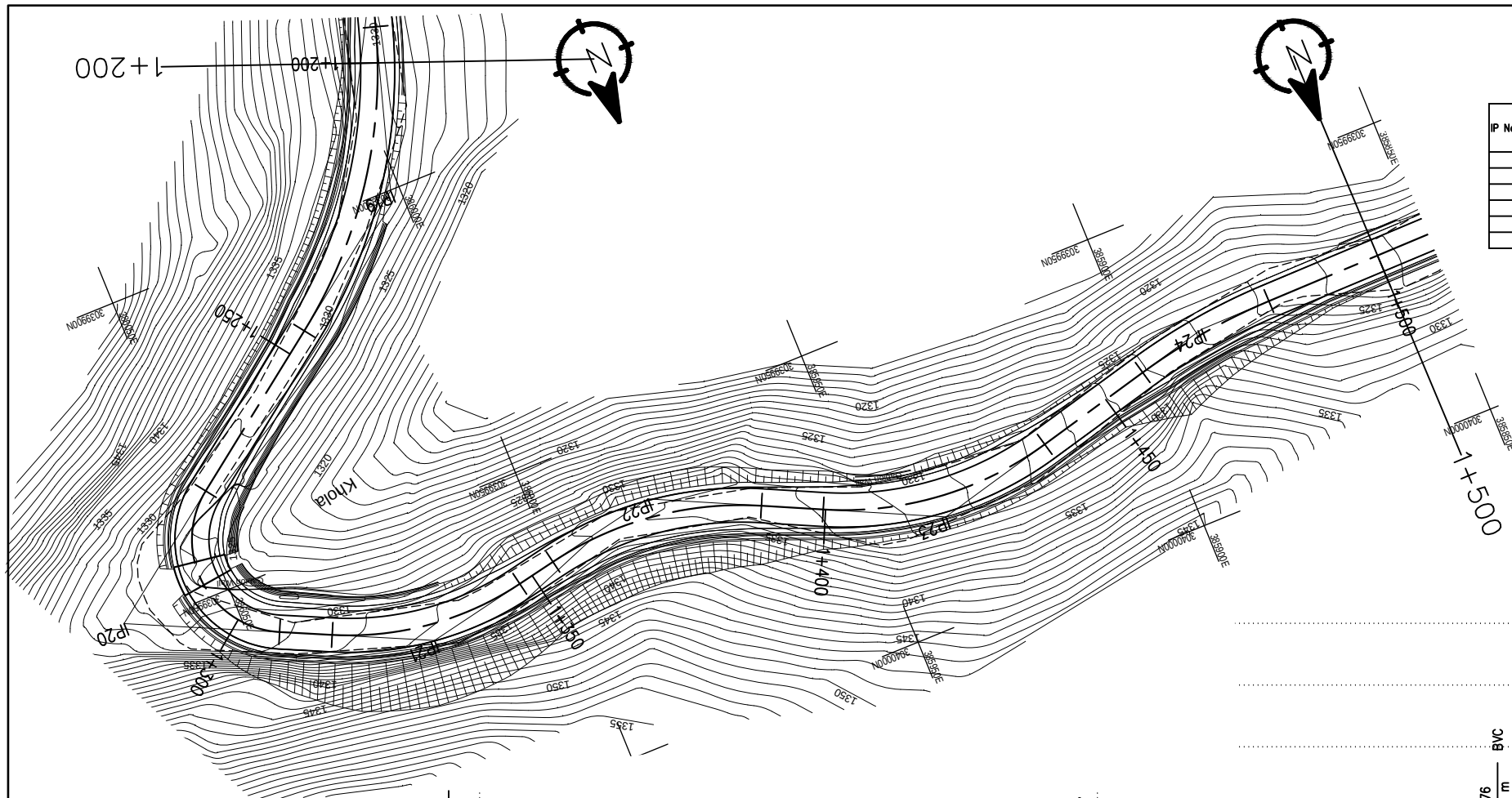
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
10	385742.796	3039418.166	61-04-58.69	162.613	21-01-4.93	22.260	120.000	2.047	44.020	0+615.889	0+637.899	0+659.910	0+638.150
11	385791.234	3039444.924	35-04-6.08	55.337	26-00-52.61	18.480	80.000	2.107	36.323	0+674.507	0+692.668	0+710.830	0+692.987
12	385832.640	3039503.908	65-04-4.40	72.066	29-59-58.32	18.756	70.000	2.469	36.651	0+745.660	0+763.986	0+782.311	0+764.416
13	385868.773	3039520.705	18-14-40.94	39.846	46-49-23.47	10.824	25.000	2.243	20.430	0+792.577	0+802.792	0+813.007	0+803.401
14	385880.491	3039556.252	42-25-2.18	37.429	24-10-21.25	19.272	90.000	2.040	37.970	0+820.340	0+839.325	0+858.310	0+839.612
15	385930.101	3039610.549	18-03-37.55	73.548	24-21-24.63	12.949	60.000	1.381	25.506	0+899.637	0+912.391	0+925.144	0+912.586



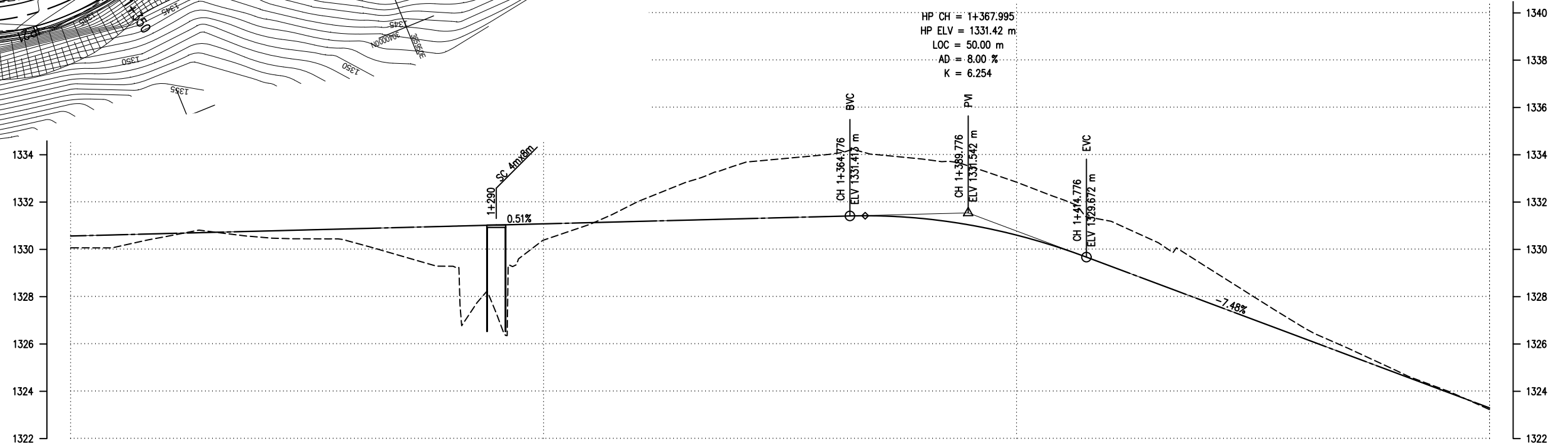
DESIGN LEVEL(m)		1299.779	1300.874	1301.970	1303.066	1304.161	1305.257	1306.350	1307.287	1307.974	1308.412	1308.734	1309.057	1309.379	1309.701	1310.024	1310.346	1310.669	1310.991	1311.313	1311.636	1311.958	1312.281	1312.603	1312.925	1313.248	1313.570	1313.893	1314.215	1314.537	1314.863	1315.301	
EXISTING LEVEL(m)		1300.840	1301.980	1303.091	1303.941	1304.811	1305.840	1306.701	1307.316	1307.775	1308.269	1308.737	1308.855	1309.015	1309.646	1310.239	1310.531	1310.860	1311.330	1311.534	1311.590	1311.636	1311.381	1311.942	1312.633	1313.166	1313.327	1313.563	1313.726	1313.789	1313.853	1314.227	1314.749
CHAINAGE(Km)		0+600	0+610	0+620	0+630	0+640	0+650	0+660	0+670	0+680	0+690	0+700	0+710	0+720	0+730	0+740	0+750	0+760	0+770	0+780	0+790	0+800	0+810	0+820	0+830	0+840	0+850	0+860	0+870	0+880	0+890	0+900	
HORIZONTAL ALIGNMENT		RIGHT																															
		LEFT																															
SUPER ELEVATION		NC	T	-4		T		2.5		T	NC	T	-2.5		T	2.5		T	-2.5		T	NC		T	NC		T	NC		T	NC		
		0+600	0+605.944	0+618.456	0+657.343	0+675.882	0+709.455	0+715.23	0+740.435	0+747.035	0+780.936	0+793.952	0+811.632	0+821.715	0+856.935	0+862.71	0+890.012	0+900															



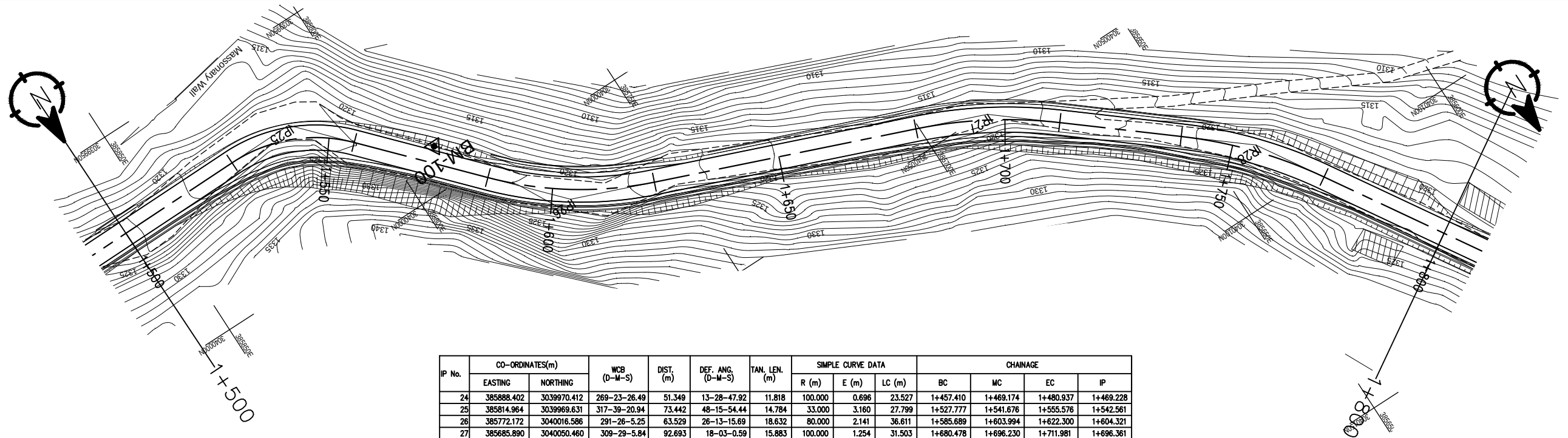
DESIGN LEVEL(m)		EXISTING LEVEL(m)	CHAINAGE(Km)	HORIZONTAL ALIGNMENT		SUPER ELEVATION
				RIGHT	LEFT	
1315.301		1314.749	0+900	IP-15 R=60.00		T 0+900 0+902.387
1315.903		1315.546	0+910			5
1316.670		1316.333	0+920			T 0+922.394
1317.598		1317.103	0+930			
1318.578		1317.760	0+940			2.5
1319.559		1318.599	0+950			
1320.539		1319.673	0+960	IP-16 R=95.00		
1321.519		1321.111	0+970			
1322.500		1322.426	0+980			
1323.480		1323.733	0+990			0+995.133
1324.461		1324.889	1+000			T
1325.441		1325.842	1+010			
1326.421		1326.764	1+020			1+022.646
1327.402		1327.751	1+030	IP-17 R=65.00		-5.5
1328.282		1328.850	1+040			
1328.977		1329.693	1+050			1+065.639
1329.486		1330.457	1+060			T
1329.810		1331.075	1+070			1+086.539
1329.947		1331.386	1+080			NC
1329.999		1331.574	1+090			
1330.050		1331.167	1+100			T 1+124.306
1330.102		1330.851	1+110			
1330.153		1330.499	1+120			2.5
1330.205		1330.192	1+130	IP-18 R=200.00		
1330.256		1330.123	1+140			1+135.994
1330.308		1330.040	1+150			
1330.359		1329.934	1+160			2.5
1330.411		1329.833	1+170			
1330.462		1329.942	1+180			T 1+177.764
1330.514		1330.032	1+190	IP-19 R=80.00		
1330.565		1330.066	1+200			-2.5 1+195.518 1+200



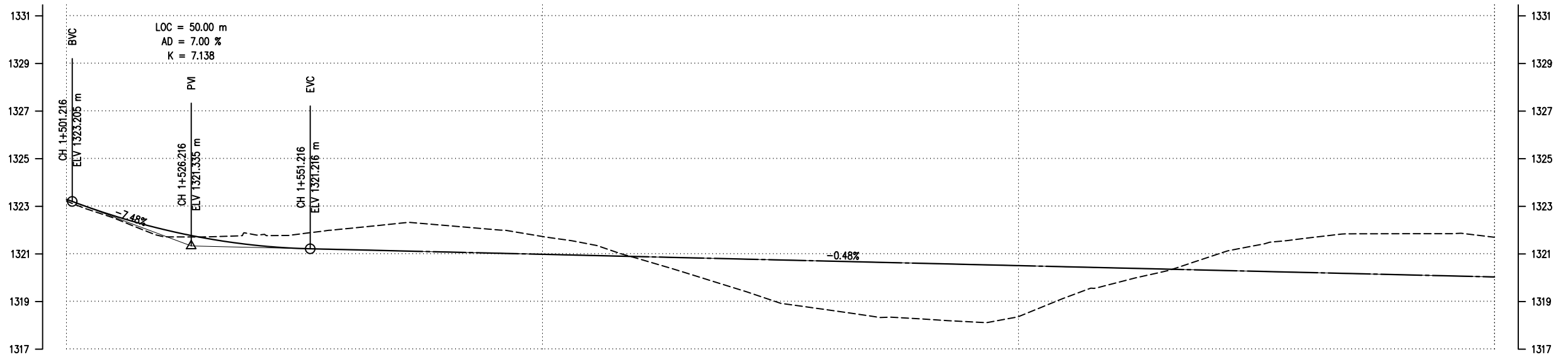
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
19	386001.487	3039900.100	53-46-58.48	64.009	36-50-28.63	26.644	80.000	4.320	51.440	1+194.143	1+219.864	1+245.584	1+220.788
20	386067.894	3039948.733	295-16-17.97	82.311	118-30-40.50	25.218	15.000	14.342	31.026	1+276.032	1+291.545	1+307.058	1+301.250
21	386022.386	3039970.217	258-35-3.59	50.324	36-41-14.39	16.578	50.000	2.677	32.016	1+315.585	1+331.593	1+347.601	1+332.164
22	385981.761	3039962.014	295-37-55.29	41.445	37-02-51.70	18.428	55.000	3.005	35.563	1+354.040	1+371.821	1+389.603	1+372.468
23	385938.206	3039982.912	255-54-38.57	48.309	39-43-16.72	19.867	55.000	3.478	38.130	1+399.617	1+418.682	1+437.747	1+419.484
24	385888.402	3039970.412	269-23-26.49	51.349	13-28-47.92	11.818	100.000	0.696	23.527	1+457.410	1+469.174	1+480.937	1+469.228



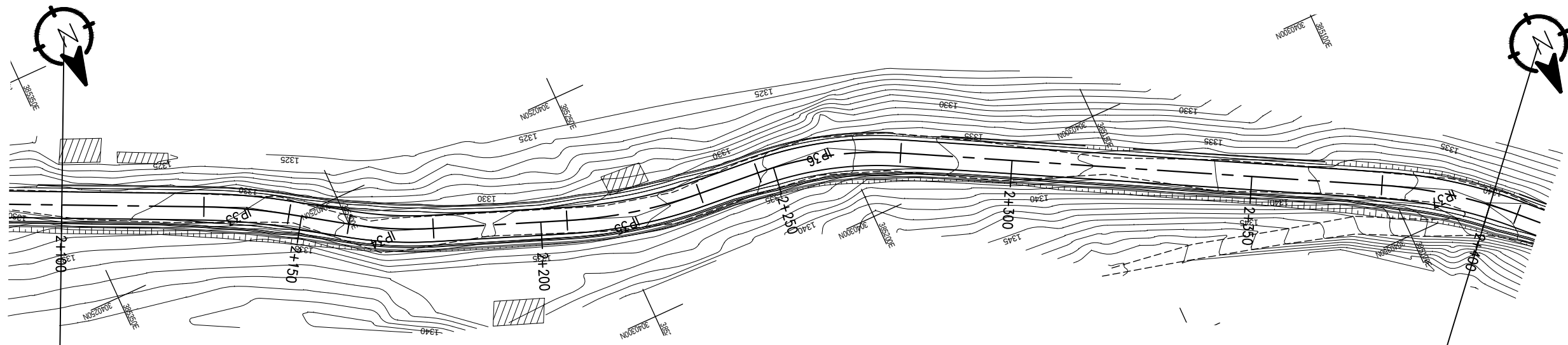
DESIGN LEVEL(m)		1330.565	1330.616	1330.668	1330.719	1330.771	1330.822	1330.874	1330.925	1330.977	1331.028	1331.080	1331.131	1331.183	1331.234	1331.286	1331.337	1331.389	1331.418	1331.306	1331.034	1330.603	1330.011	1329.281	1328.533	1327.785	1327.037	1326.289	1325.541	1324.793	1324.044	1323.296	
EXISTING LEVEL(m)		1330.066	1330.119	1330.535	1330.740	1330.518	1330.447	1330.284	1329.717	1329.288	1327.307	1330.392	1331.076	1332.027	1332.830	1333.507	1333.824	1334.009	1334.015	1333.821	1333.517	1332.842	1332.089	1331.187	1330.279	1329.279	1328.017	1326.779	1325.827	1324.903	1324.095	1323.227	
CHAINAGE(Km)		1+200	1+210	1+220	1+230	1+240	1+250	1+260	1+270	1+280	1+290	1+300	1+310	1+320	1+330	1+340	1+350	1+360	1+370	1+380	1+390	1+400	1+410	1+420	1+430	1+440	1+450	1+460	1+470	1+480	1+490	1+500	
HORIZONTAL ALIGNMENT		RIGHT	IP-19 R=80.00																	IP-22 R=55.00		IP-23 R=55.00		IP-24 R=100.00									
		LEFT																															
SUPER ELEVATION			-2.5				T		NC		T		2.5		T		2.5		T		-2.5		T		2.5		T		-4.5		T		NC
			1+200			1+244.209		1+249.984		1+271.632		1+277.407		1+305.683		1+316.96		1+346.226		1+355.415		1+388.228		1+400.992		1+436.372		1+461.329		1+477.018		1+495.306	1+500



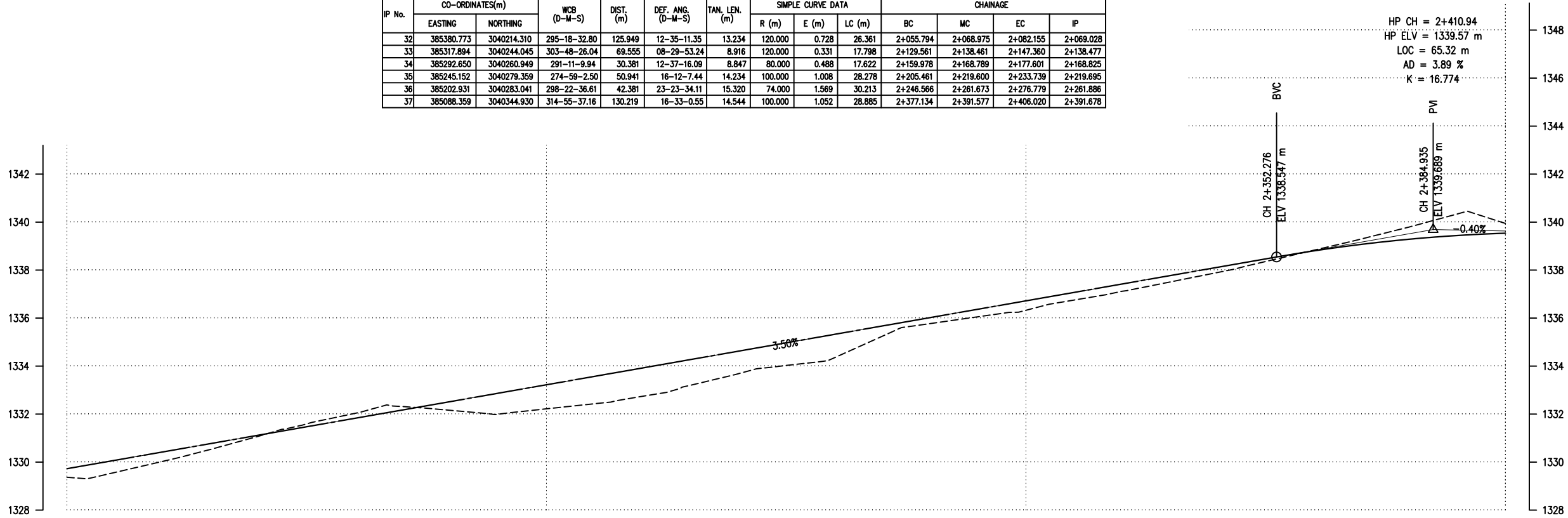
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
24	385888.402	3039970.412	269-23-26.49	51.349	13-28-47.92	11.818	100.000	0.696	23.527	1+457.410	1+469.174	1+480.937	1+469.228
25	385814.964	3039969.631	317-39-20.94	73.442	48-15-54.44	14.784	33.000	3.160	27.799	1+527.777	1+541.676	1+555.576	1+542.561
26	385772.172	3040016.586	291-26-5.25	63.529	26-13-15.69	18.632	80.000	2.141	36.611	1+585.689	1+603.994	1+622.300	1+604.321
27	385685.890	3040050.460	309-29-5.84	92.693	18-03-0.59	15.883	100.000	1.254	31.503	1+680.478	1+696.230	1+711.981	1+696.361
28	385640.417	3040087.925	328-06-1.62	58.919	18-36-55.78	16.390	100.000	1.334	32.490	1+738.627	1+754.872	1+771.117	1+755.017
29	385604.149	3040146.193	320-25-22.90	68.633	07-40-38.72	13.420	200.000	0.450	26.799	1+809.941	1+823.341	1+836.741	1+823.361



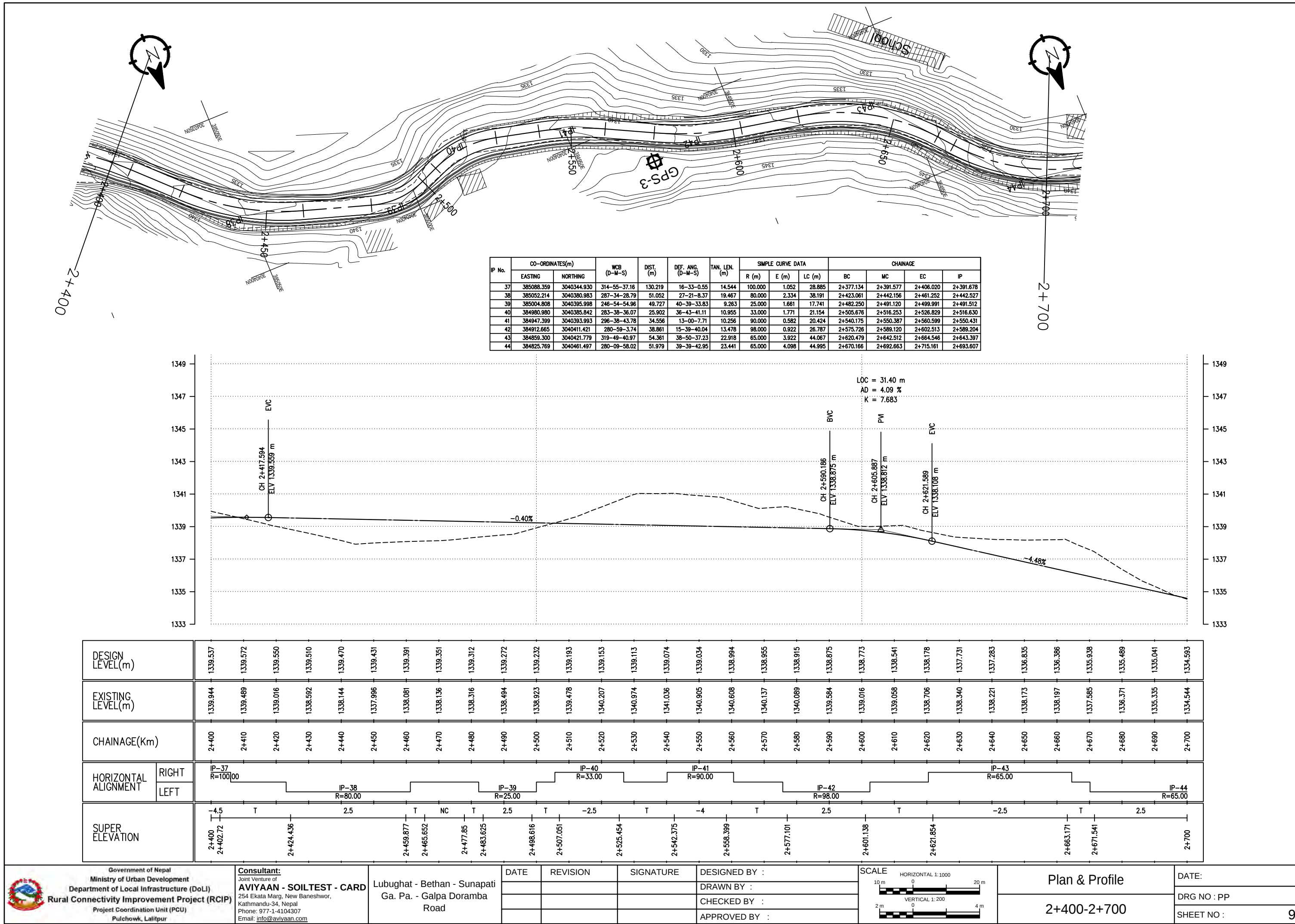
DESIGN LEVEL(m)		1323.296	1322.602	1322.047	1321.633	1321.358	1321.223	1321.175	1321.127	1321.079	1321.032	1320.984	1320.937	1320.889	1320.841	1320.794	1320.746	1320.699	1320.651	1320.604	1320.556	1320.508	1320.461	1320.413	1320.366	1320.318	1320.271	1320.223	1320.175	1320.128	1320.080	1320.033	
EXISTING LEVEL(m)		1323.227	1322.506	1321.742	1321.719	1321.789	1321.863	1322.084	1322.288	1322.191	1322.021	1321.732	1321.408	1320.809	1320.211	1319.589	1318.929	1318.648	1318.357	1318.266	1318.147	1318.366	1319.176	1319.757	1320.236	1320.868	1321.363	1321.652	1321.845	1321.849	1321.851	1321.700	
CHAINAGE(Km)		1+500	1+510	1+520	1+530	1+540	1+550	1+560	1+570	1+580	1+590	1+600	1+610	1+620	1+630	1+640	1+650	1+660	1+670	1+680	1+690	1+700	1+710	1+720	1+730	1+740	1+750	1+760	1+770	1+780	1+790	1+800	
HORIZONTAL ALIGNMENT	RIGHT	IP-25 R=33.00																															
	LEFT	IP-26 R=80.00																															
SUPER ELEVATION		1+500	1+508.985	1+533.735	1+549.617	1+588.897	1+619.092	1+633.529	1+665.353	1+684.603	1+707.856	1+741.721	1+768.024	1+782.461	1+798.483	1+800																	
		NC	T	-6.5	T	T	5	T	NC	T	NC	T	NC	T	NC	T	-4.5	T	-4.5	T	-4.5	T	NC	T	NC	T	NC	T	NC	T	NC		

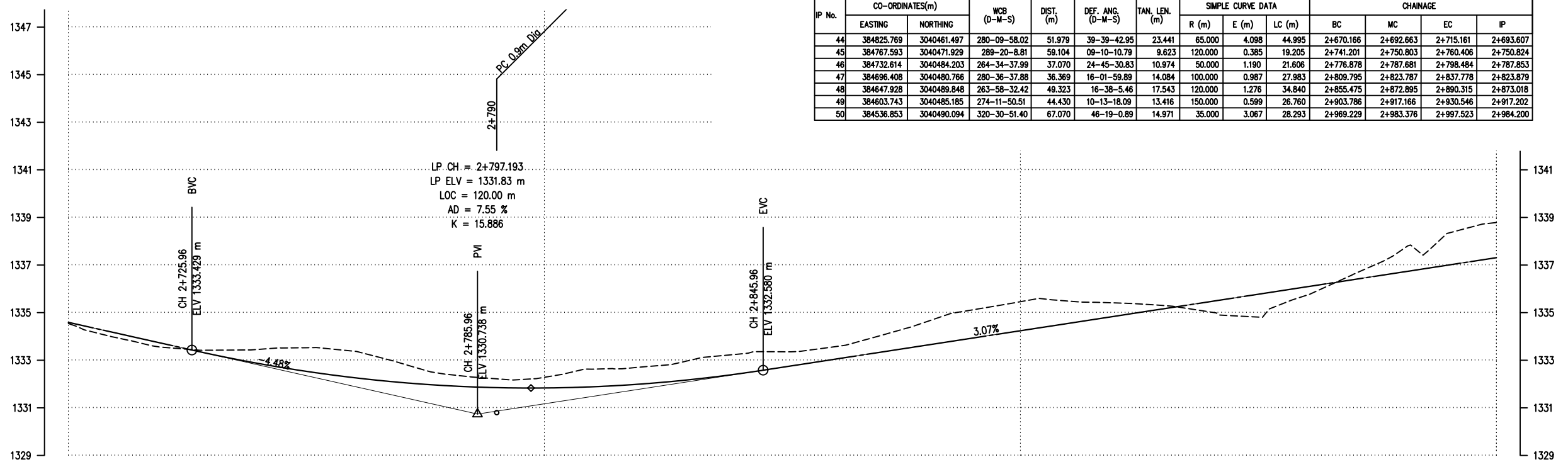
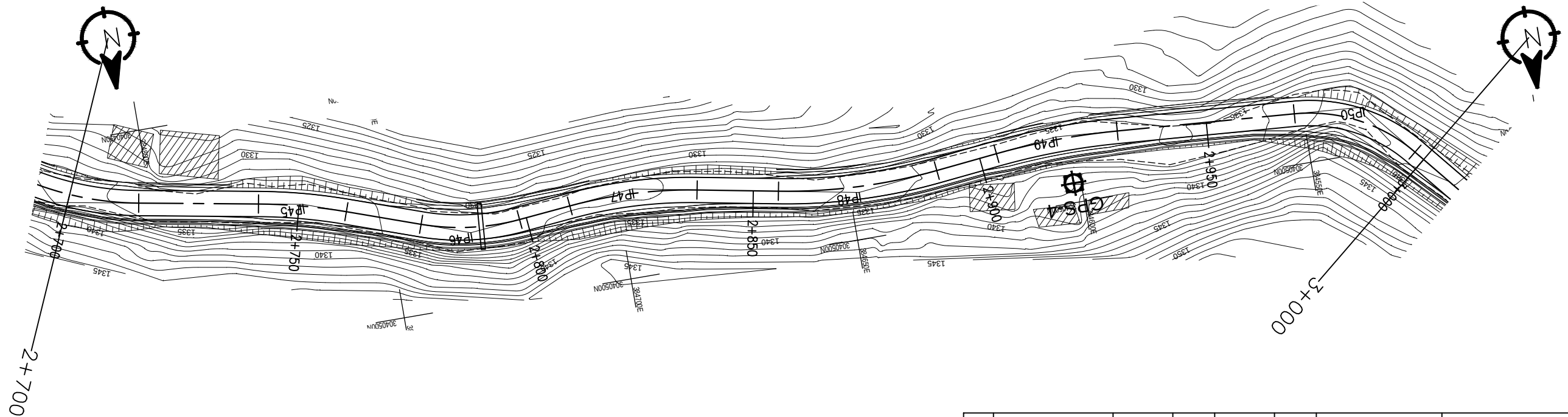


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
32	385380.773	3040214.310	295-18-32.80	125.949	12-35-11.35	13.234	120.000	0.728	26.361	2+055.794	2+068.975	2+082.155	2+069.028
33	385317.894	3040244.045	303-48-26.04	69.555	08-29-53.24	8.916	120.000	0.331	17.798	2+129.561	2+138.461	2+147.360	2+138.477
34	385292.650	3040260.949	291-11-9.94	30.381	12-37-16.09	8.847	80.000	0.488	17.622	2+159.978	2+168.789	2+177.601	2+168.825
35	385245.152	3040279.359	274-59-2.50	50.941	16-12-7.44	14.234	100.000	1.008	28.278	2+205.461	2+219.600	2+233.739	2+219.695
36	385202.931	3040283.041	298-22-36.61	42.381	23-23-34.11	15.320	74.000	1.569	30.213	2+246.566	2+261.673	2+276.779	2+261.886
37	385088.359	3040344.930	314-55-37.16	130.219	16-33-0.55	14.544	100.000	1.052	28.885	2+377.134	2+391.577	2+406.020	2+391.678

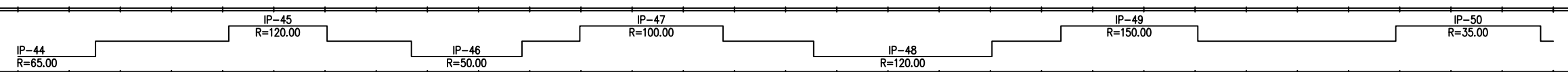


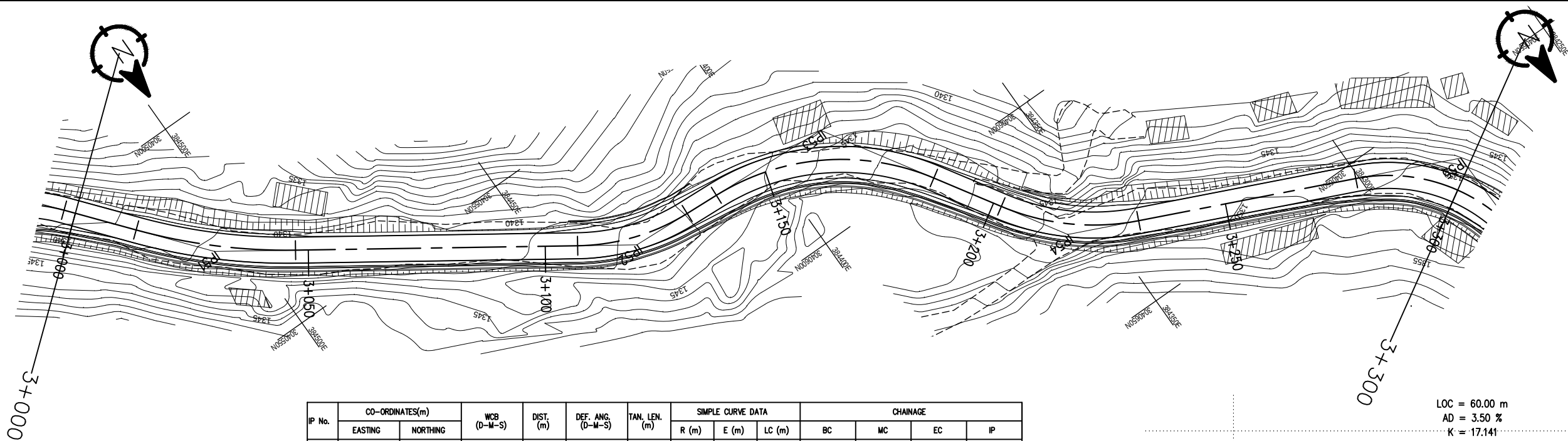
DESIGN LEVEL(m)		1329.724	1330.074	1330.423	1330.773	1331.123	1331.473	1331.822	1332.172	1332.522	1332.872	1333.221	1333.571	1333.921	1334.270	1334.620	1334.970	1335.320	1335.669	1336.019	1336.369	1336.719	1337.068	1337.418	1337.768	1338.117	1338.467	1338.799	1339.073	1339.287	1339.442	1339.537		
EXISTING LEVEL(m)		1329.368	1329.569	1330.032	1330.531	1331.080	1331.592	1332.028	1332.314	1332.157	1331.997	1332.219	1332.431	1332.741	1333.198	1333.681	1334.027	1334.341	1335.239	1335.770	1336.054	1336.325	1336.751	1337.115	1337.502	1337.901	1338.358	1338.826	1339.299	1339.798	1340.340	1339.944		
CHAINAGE(Km)		2+100	2+110	2+120	2+130	2+140	2+150	2+160	2+170	2+180	2+190	2+200	2+210	2+220	2+230	2+240	2+250	2+260	2+270	2+280	2+290	2+300	2+310	2+320	2+330	2+340	2+350	2+360	2+370	2+380	2+390	2+400		
HORIZONTAL ALIGNMENT	RIGHT																																	
	LEFT																																	
SUPER ELEVATION																																		



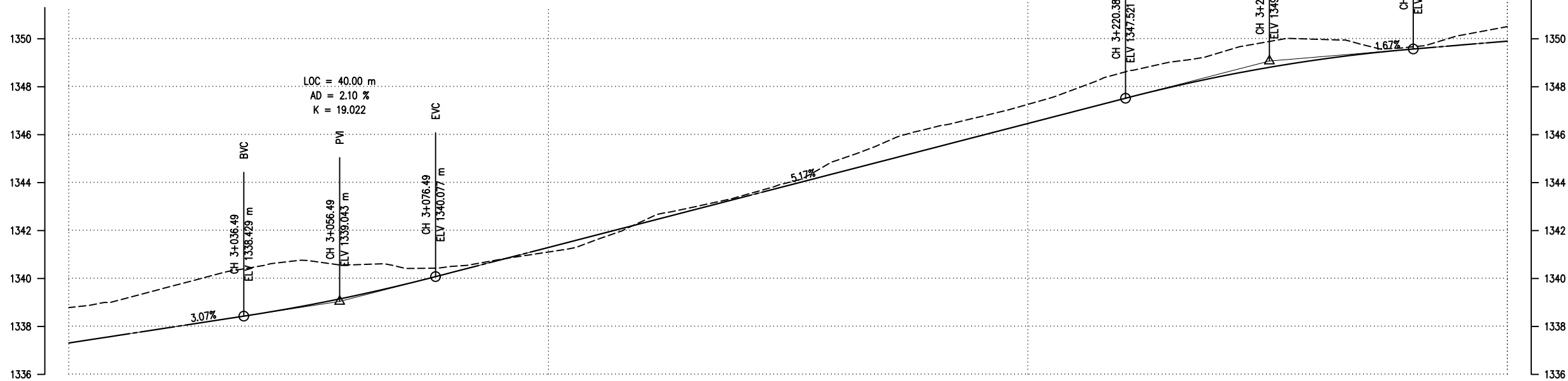


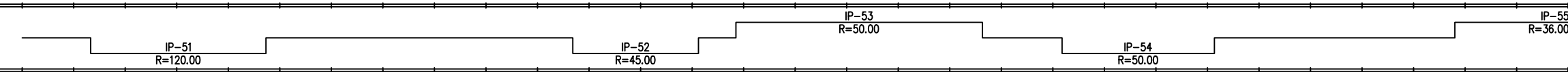
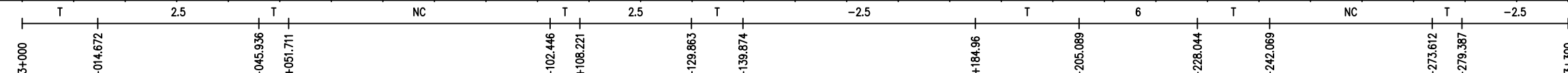
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
44	384825.769	3040461.497	280-09-58.02	51.979	39-39-42.95	23.441	65.000	4.098	44.995	2+670.166	2+692.663	2+715.161	2+693.607
45	384767.593	3040471.929	289-20-8.81	59.104	09-10-10.79	9.623	120.000	0.385	19.205	2+741.201	2+750.803	2+760.406	2+750.824
46	384732.614	3040484.203	264-34-37.99	37.070	24-45-30.83	10.974	50.000	1.190	21.606	2+776.878	2+787.681	2+798.484	2+787.853
47	384696.408	3040480.766	280-36-37.88	36.369	16-01-59.89	14.084	100.000	0.987	27.983	2+809.795	2+823.787	2+837.778	2+823.879
48	384647.928	3040489.848	263-58-32.42	49.323	16-38-5.46	17.543	120.000	1.276	34.840	2+855.475	2+872.895	2+890.315	2+873.018
49	384603.743	3040485.185	274-11-50.51	44.430	10-13-18.09	13.416	150.000	0.599	26.760	2+903.786	2+917.166	2+930.546	2+917.202
50	384536.853	3040490.094	320-30-51.40	67.070	46-19-0.89	14.971	35.000	3.067	28.293	2+969.229	2+983.376	2+997.523	2+984.200

DESIGN LEVEL(m)		1334.593	1334.144	1333.696	1333.253	1332.861	1332.533	1332.267	1332.064	1331.925	1331.848	1331.834	1331.883	1331.995	1332.170	1332.408	1332.704	1333.011	1333.318	1333.625	1333.932	1334.239	1334.546	1334.853	1335.160	1335.467	1335.774	1336.081	1336.388	1336.695	1337.002	1337.309				
EXISTING LEVEL(m)		1334.544	1333.953	1333.543	1333.422	1333.457	1333.526	1333.380	1332.867	1332.398	1332.218	1332.282	1332.624	1332.709	1332.970	1333.242	1333.355	1333.540	1334.001	1334.598	1335.118	1335.459	1335.487	1335.409	1335.300	1335.025	1334.813	1335.723	1336.616	1337.615	1338.347	1338.786				
CHAINAGE(Km)		2+700	2+710	2+720	2+730	2+740	2+750	2+760	2+770	2+780	2+790	2+800	2+810	2+820	2+830	2+840	2+850	2+860	2+870	2+880	2+890	2+900	2+910	2+920	2+930	2+940	2+950	2+960	2+970	2+980	2+990	3+000				
HORIZONTAL ALIGNMENT	RIGHT																																			
	LEFT																																			
SUPER ELEVATION		2+700	2+713.786	2+719.561	2+729.834	2+744.134	2+757.472	2+778.253	2+797.109	2+811.17	2+836.403	2+857.675	2+888.115	2+905.161	2+929.171	2+934.946	2+957.954	2+972.804	2+993.948	3+000																

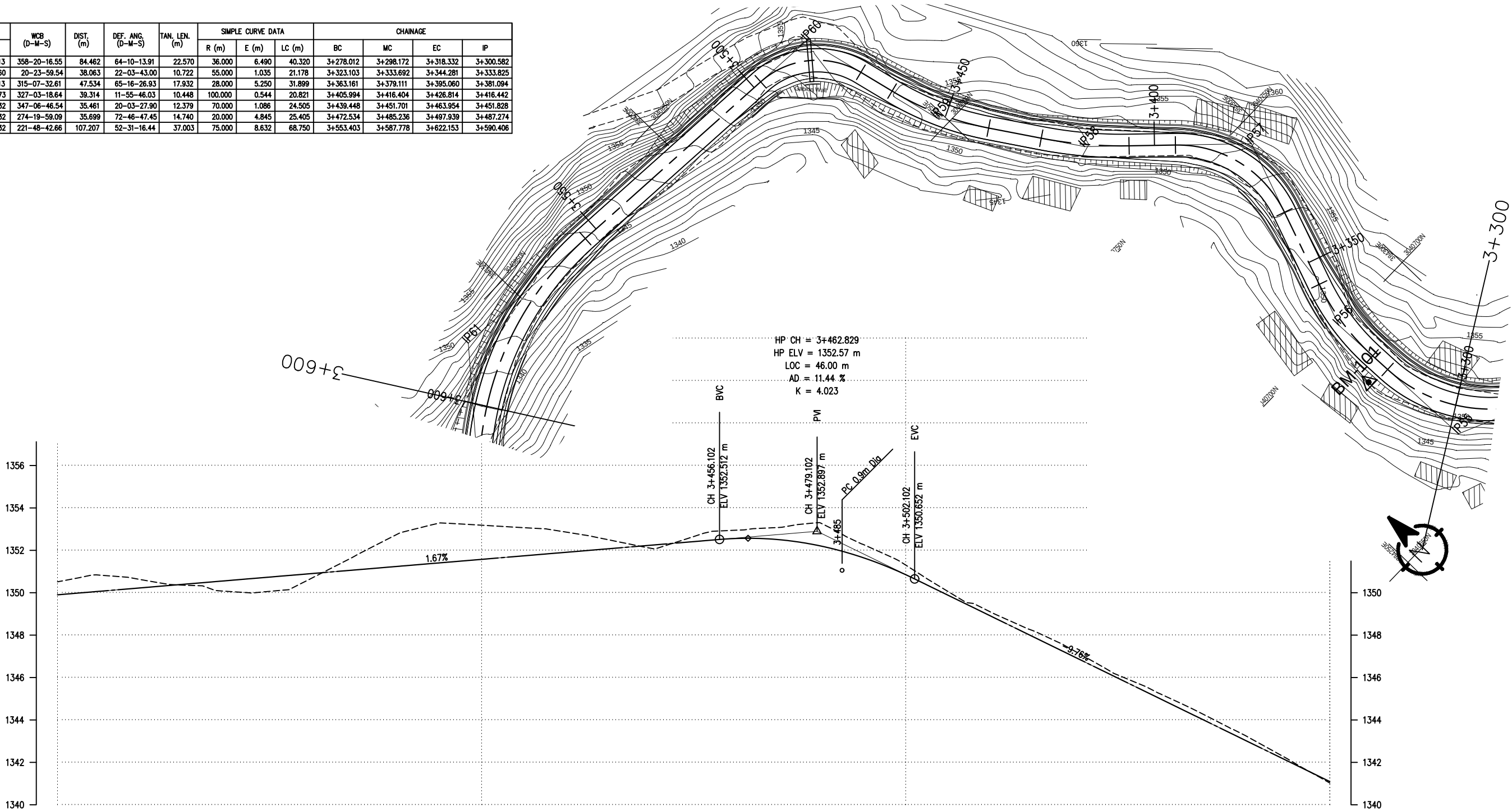


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
50	384536.853	3040490.094	320-30-51.40	67.070	46-19-0.89	14.971	35.000	3.067	28.293	2+969.229	2+983.376	2+997.523	2+984.200
51	384508.415	3040527.037	304-16-28.88	47.867	16-14-24.52	17.121	120.000	1.215	34.013	3+013.297	3+030.304	3+047.311	3+030.419
52	384432.737	3040577.248	273-13-5.36	89.160	31-03-21.52	12.503	45.000	1.705	24.391	3+106.846	3+119.042	3+131.238	3+119.350
53	384387.118	3040579.813	328-02-6.24	45.691	54-49-0.88	25.927	50.000	6.322	47.837	3+138.499	3+162.417	3+186.335	3+164.425
54	384357.152	3040627.834	294-10-2.64	56.604	33-52-3.60	15.223	50.000	2.266	29.555	3+201.789	3+216.566	3+231.344	3+217.012
55	384280.093	3040662.413	358-20-16.55	84.462	64-10-13.91	22.570	36.000	6.490	40.320	3+278.012	3+298.172	3+318.332	3+300.582

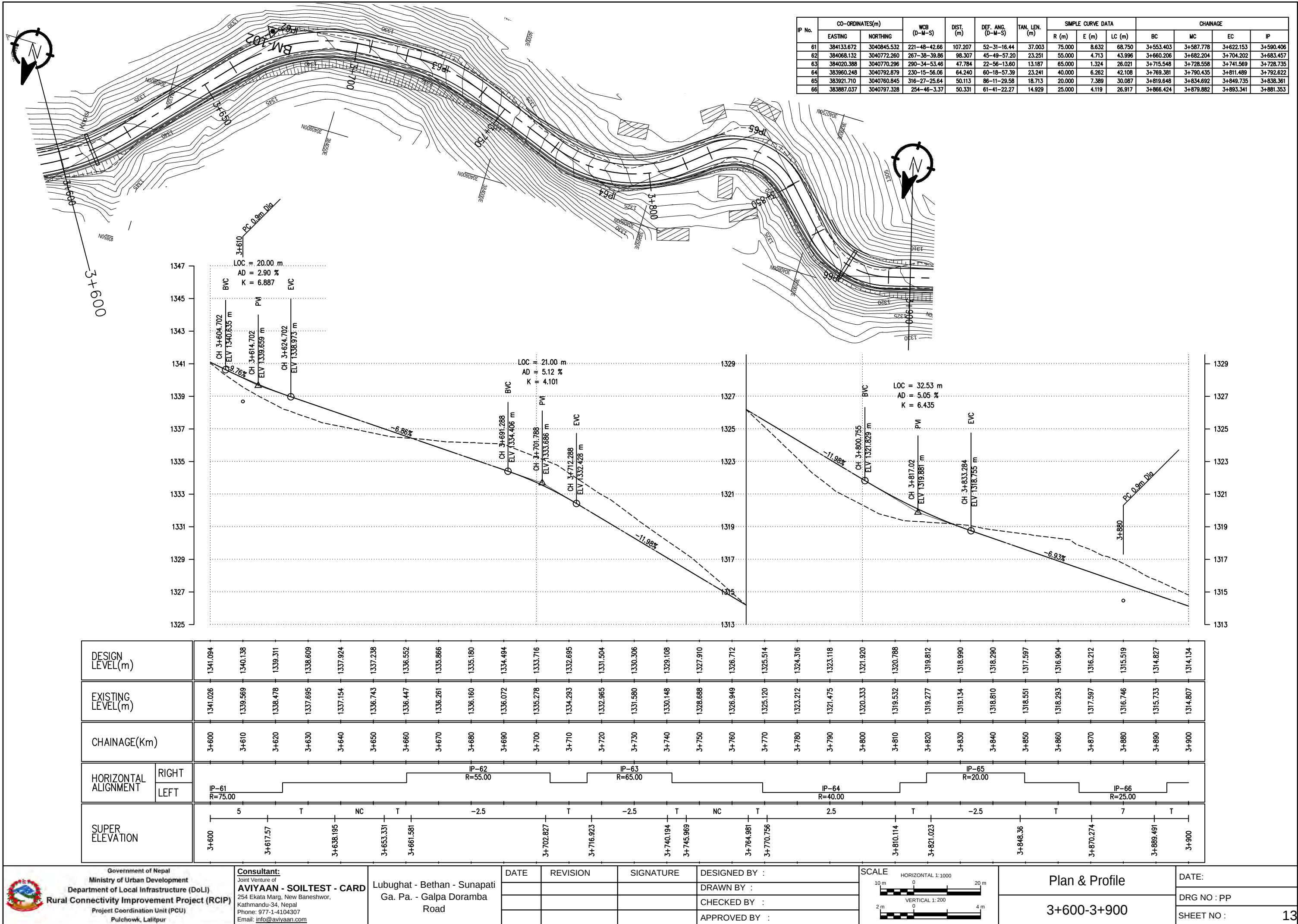


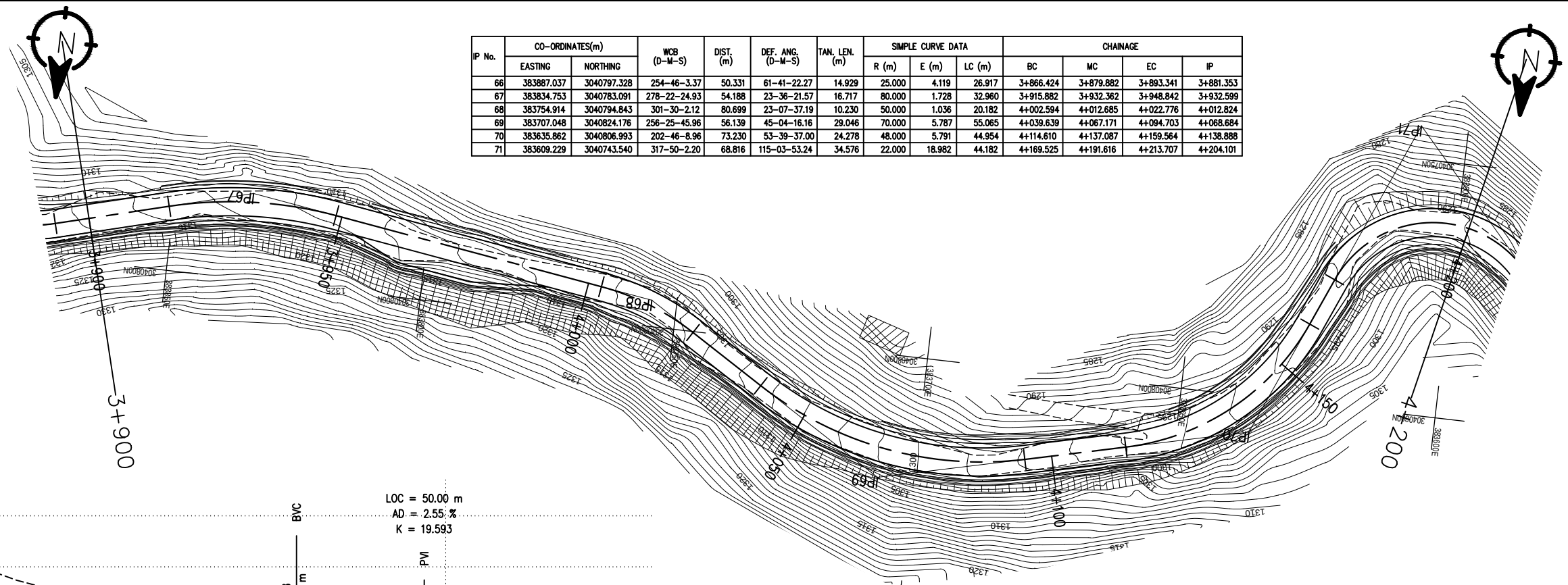
DESIGN LEVEL(m)		1337.309 1337.616 1337.923 1338.230 1338.540 1338.892 1339.296 1339.753 1340.259 1340.776 1341.294 1341.811 1342.328 1342.845 1343.363 1343.880 1344.397 1344.914 1345.432 1345.949 1346.466 1346.983 1347.501 1347.991 1348.423 1348.797 1349.112 1349.369 1349.568 1349.735 1349.902																													
EXISTING LEVEL(m)		1338.786 1339.071 1339.603 1340.131 1340.521 1340.744 1340.575 1340.428 1340.507 1340.797 1341.104 1341.613 1342.423 1342.968 1343.428 1343.999 1344.916 1345.665 1346.288 1346.744 1347.263 1347.914 1348.602 1349.034 1349.421 1349.876 1349.982 1349.747 1349.662 1350.135 1350.515																													
CHAINAGE(Km)		3+000 3+010 3+020 3+030 3+040 3+050 3+060 3+070 3+080 3+090 3+100 3+110 3+120 3+130 3+140 3+150 3+160 3+170 3+180 3+190 3+200 3+210 3+220 3+230 3+240 3+250 3+260 3+270 3+280 3+290 3+300																													
HORIZONTAL ALIGNMENT	RIGHT																														
	LEFT																														
SUPER ELEVATION																															

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
55	384280.093	3040862.413	358-20-16.55	84.462	64-10-13.91	22.570	36.000	6.490	40.320	3+278.012	3+298.172	3+318.332	3+300.582
56	384278.989	3040700.460	20-23-59.54	38.063	22-03-43.00	10.722	55.000	1.035	21.178	3+323.103	3+333.692	3+344.281	3+333.825
57	384295.558	3040745.013	315-07-32.61	47.534	65-16-26.93	17.932	28.000	5.250	31.899	3+363.161	3+379.111	3+395.080	3+381.094
58	384267.820	3040772.873	327-03-18.64	39.314	11-55-46.03	10.448	100.000	0.544	20.821	3+405.994	3+416.404	3+426.814	3+416.442
59	384248.535	3040802.632	347-06-46.54	35.461	20-03-27.90	12.379	70.000	1.086	24.505	3+439.448	3+451.701	3+463.954	3+451.828
60	384240.573	3040837.432	274-19-59.09	35.699	72-46-47.45	14.740	20.000	4.845	25.405	3+472.534	3+485.236	3+497.939	3+487.274
61	384133.672	3040845.532	221-48-42.66	107.207	52-31-16.44	37.003	75.000	8.632	68.750	3+553.403	3+587.778	3+622.153	3+590.406

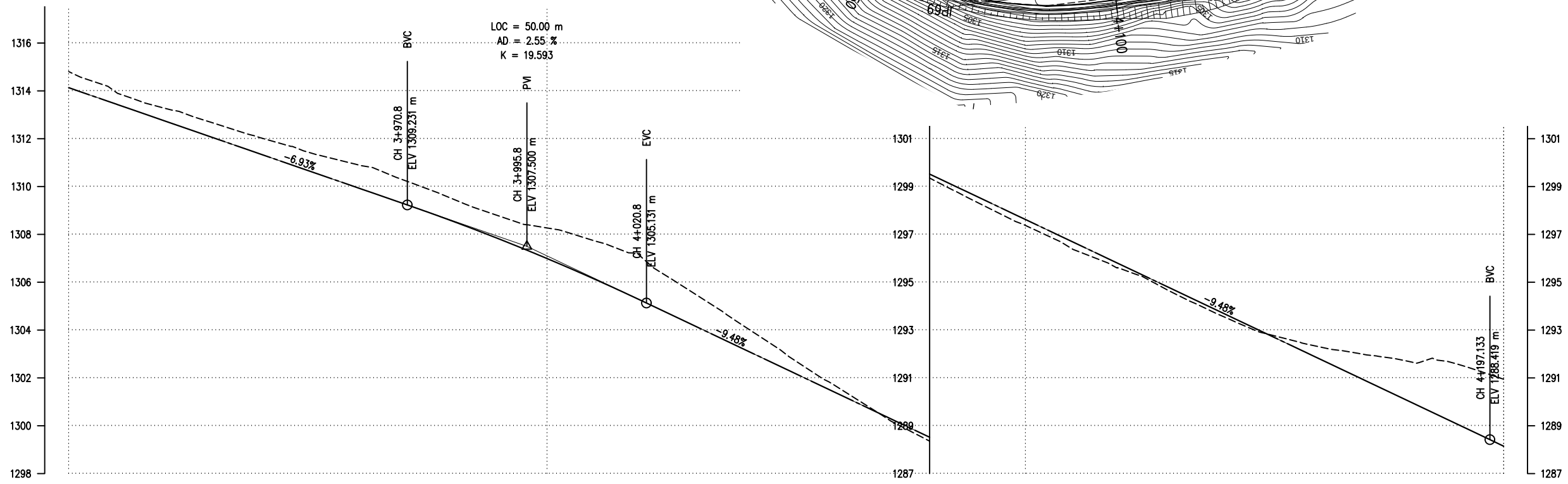


DESIGN LEVEL(m)		1349.902	1350.069	1350.237	1350.404	1350.571	1350.738	1350.905	1351.073	1351.240	1351.407	1351.574	1351.742	1351.909	1352.076	1352.243	1352.410	1352.559	1352.505	1352.202	1351.651	1350.851	1349.881	1348.904	1347.928	1346.952	1345.975	1344.999	1344.023	1343.047	1342.070	1341.094
EXISTING LEVEL(m)		1350.515	1350.828	1350.606	1350.354	1350.064	1350.065	1350.693	1351.718	1352.749	1353.284	1353.185	1353.067	1352.858	1352.494	1352.094	1352.649	1352.949	1353.077	1353.282	1352.277	1351.305	1350.056	1349.094	1348.212	1347.230	1346.121	1345.232	1344.285	1343.273	1342.169	1341.026
CHAINAGE(Km)		3+300	3+310	3+320	3+330	3+340	3+350	3+360	3+370	3+380	3+390	3+400	3+410	3+420	3+430	3+440	3+450	3+460	3+470	3+480	3+490	3+500	3+510	3+520	3+530	3+540	3+550	3+560	3+570	3+580	3+590	3+600
HORIZONTAL ALIGNMENT	RIGHT	IP-55 R=36.00		IP-56 R=55.00						IP-57 R=28.00				IP-58 R=100.00				IP-59 R=70.00				IP-60 R=20.00								IP-61 R=75.00		
	LEFT																															
SUPER ELEVATION		3+300	-2.5	T	-2.5	T	2.5	T	2.5	T	-2.5	T	-2.5	T	-2.5	T	2.5	T	2.5	T	NC	T	NC	T	5						3+600	
			3+316.957	3+324.478	3+342.906	3+364.536	3+383.685	3+407.369	3+425.439	3+440.823	3+462.579	3+473.909	3+496.564	3+502.339	3+537.361	3+557.986																

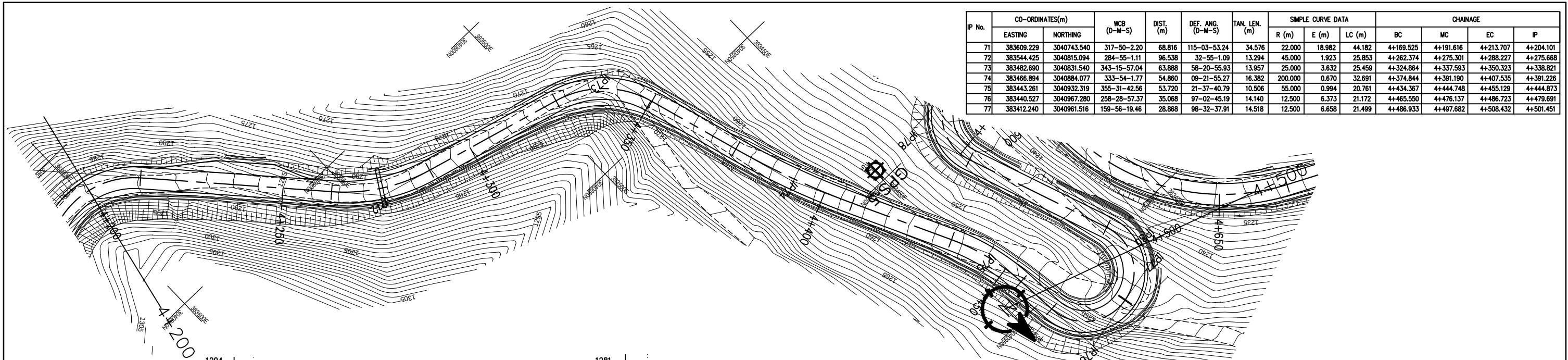




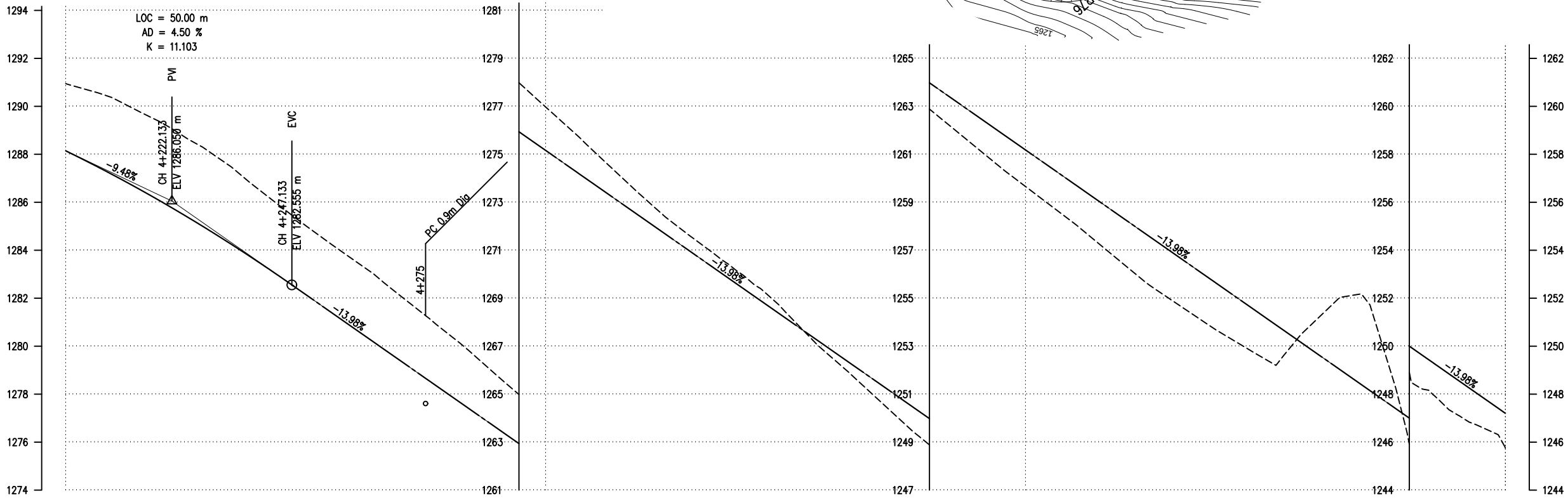
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
66	383887.037	3040797.328	254-46-3.37	50.331	61-41-22.27	14.929	25.000	4.119	26.917	3+866.424	3+879.882	3+893.341	3+881.353
67	383834.753	3040783.091	278-22-24.93	54.188	23-36-21.57	16.717	80.000	1.728	32.960	3+915.882	3+932.362	3+948.842	3+932.599
68	383754.914	3040794.843	301-30-2.12	80.699	23-07-37.19	10.230	50.000	1.036	20.182	4+002.594	4+012.685	4+022.776	4+012.824
69	383707.048	3040824.176	256-25-45.96	56.139	45-04-16.16	29.046	70.000	5.787	55.065	4+039.639	4+067.171	4+094.703	4+068.684
70	383635.862	3040806.993	202-46-8.96	73.230	53-39-37.00	24.278	48.000	5.791	44.954	4+114.610	4+137.087	4+159.564	4+138.888
71	383609.229	3040743.540	317-50-2.20	68.816	115-03-53.24	34.576	22.000	18.982	44.182	4+169.525	4+191.616	4+213.707	4+204.101



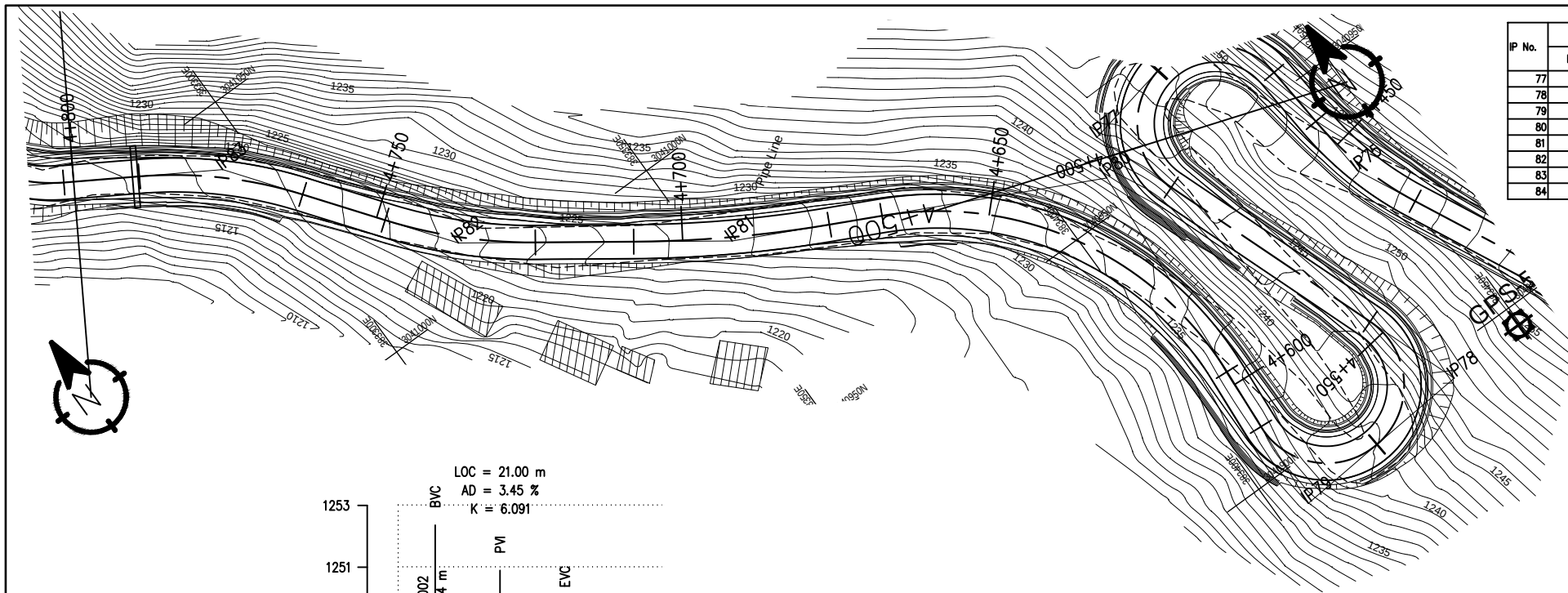
DESIGN LEVEL(m)		1314.134	1313.442	1312.749	1312.057	1311.364	1310.672	1309.979	1309.287	1308.573	1307.808	1306.992	1306.124	1305.206	1304.259	1303.311	1302.363	1301.416	1300.468	1299.520	1298.572	1297.625	1296.677	1295.729	1294.782	1293.834	1292.886	1291.938	1290.991	1290.043	1289.095	1288.144
EXISTING LEVEL(m)		1314.807	1313.930	1313.278	1312.671	1312.045	1311.441	1310.934	1310.274	1309.508	1308.767	1308.270	1307.726	1307.004	1305.629	1304.320	1302.983	1301.707	1300.447	1299.356	1298.334	1297.377	1296.371	1295.561	1294.646	1293.687	1292.867	1292.363	1292.012	1291.696	1291.596	1290.946
CHAINAGE(Km)		3+900	3+910	3+920	3+930	3+940	3+950	3+960	3+970	3+980	3+990	4+000	4+010	4+020	4+030	4+040	4+050	4+060	4+070	4+080	4+090	4+100	4+110	4+120	4+130	4+140	4+150	4+160	4+170	4+180	4+190	4+200
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION																																



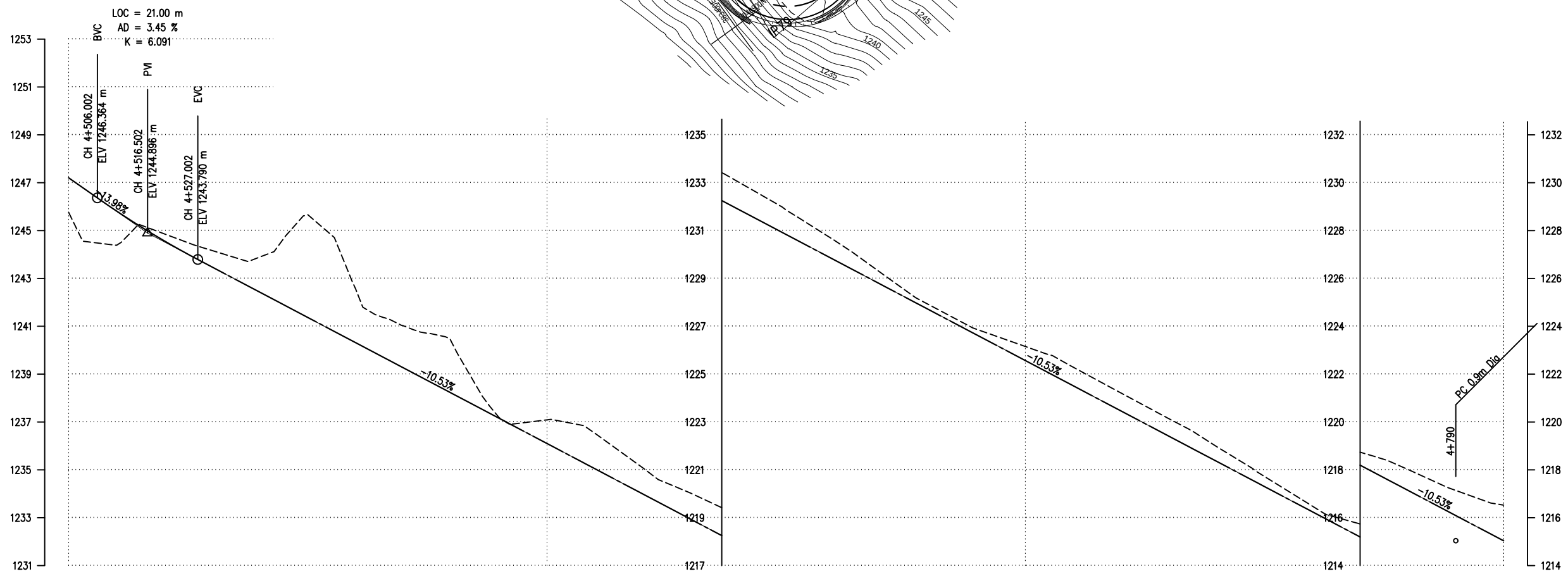
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
71	383608.229	3040743.540	317-50-2.20	68.816	115-03-53.24	34.576	22.000	18.982	44.182	4+169.525	4+191.616	4+213.707	4+204.101
72	383544.425	3040815.094	284-55-1.11	96.538	32-55-1.09	13.294	45.000	1.923	25.853	4+262.374	4+275.301	4+288.227	4+275.668
73	383482.690	3040831.540	343-15-57.04	63.888	58-20-55.93	13.957	25.000	3.632	25.459	4+324.864	4+337.593	4+350.323	4+338.821
74	383466.894	3040884.077	333-54-1.77	54.860	09-21-55.27	16.382	200.000	0.670	32.691	4+374.844	4+391.190	4+407.535	4+391.226
75	383443.281	3040932.319	355-31-42.56	53.720	21-37-40.79	10.506	55.000	0.994	20.761	4+434.367	4+444.748	4+455.129	4+444.873
76	383440.527	3040967.280	258-28-57.37	35.068	97-02-45.19	14.140	12.500	6.373	21.172	4+465.550	4+476.137	4+486.723	4+479.691
77	383412.240	3040961.516	159-56-19.46	28.868	98-32-37.91	14.518	12.500	6.658	21.499	4+486.933	4+497.682	4+508.432	4+501.451



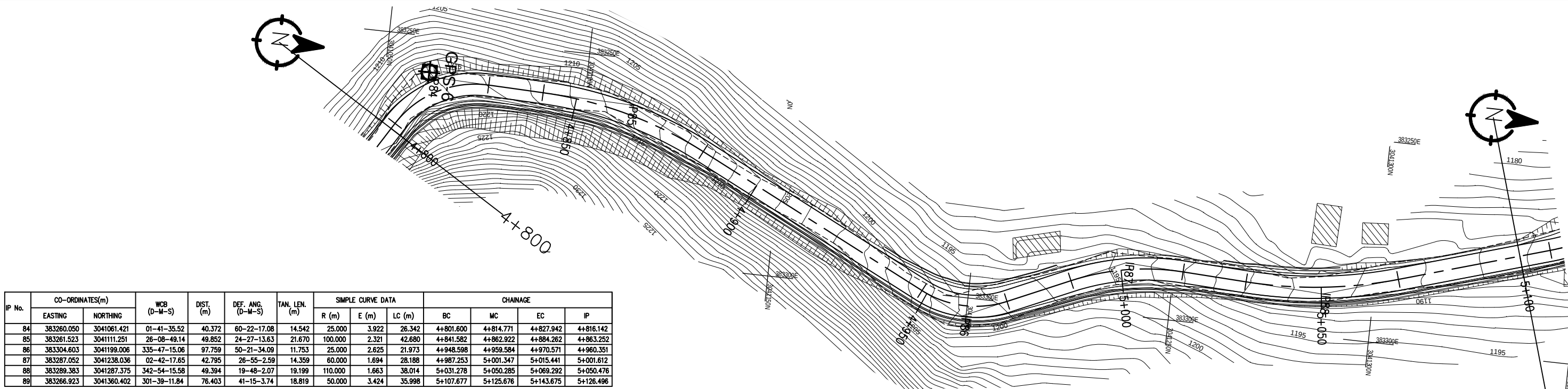
DESIGN LEVEL(m)		1288.144	1287.125	1286.017	1284.818	1283.529	1282.154	1280.756	1279.358	1277.960	1276.562	1275.164	1273.766	1272.368	1270.970	1269.572	1268.174	1266.776	1265.378	1263.980	1262.581	1261.183	1259.785	1258.387	1256.989	1255.591	1254.193	1252.795	1251.397	1249.999	1248.601	1247.203
EXISTING LEVEL(m)		1290.946	1290.330	1289.315	1288.097	1286.570	1285.028	1283.597	1282.060	1280.468	1278.753	1276.976	1275.134	1273.272	1271.611	1270.122	1268.422	1266.464	1264.650	1262.885	1261.246	1259.659	1258.145	1256.496	1254.981	1253.645	1252.455	1253.982	1255.181	1248.910	1247.142	1245.761
CHAINAGE(Km)		4+200	4+210	4+220	4+230	4+240	4+250	4+260	4+270	4+280	4+290	4+300	4+310	4+320	4+330	4+340	4+350	4+360	4+370	4+380	4+390	4+400	4+410	4+420	4+430	4+440	4+450	4+460	4+470	4+480	4+490	4+500
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION																																



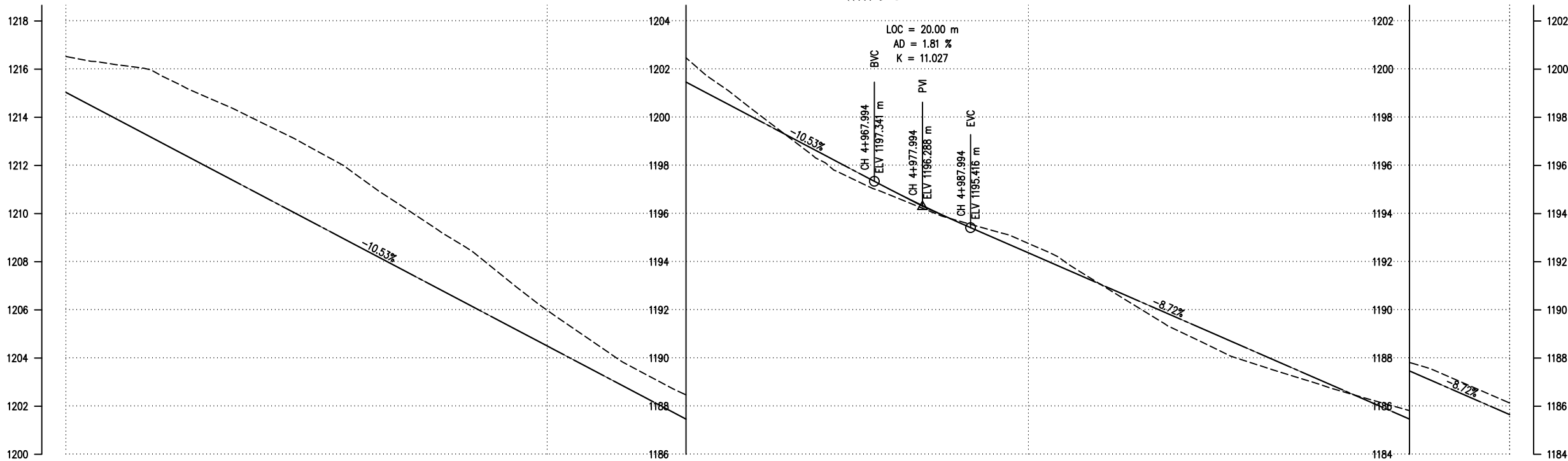
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
77	383412.240	3040961.516	159-56-19.46	28.868	98-32-37.91	14.518	12.500	6.658	21.499	++486.933	++497.682	++508.432	++501.451
78	383436.174	3040895.976	265-20-42.48	69.773	105-24-23.02	16.410	12.500	8.129	22.996	++547.276	++558.774	++570.272	++563.687
79	383405.175	3040893.452	04-09-12.02	31.102	98-48-29.54	14.586	12.500	6.709	21.557	++570.377	++581.156	++591.934	++584.963
80	383409.663	3040955.256	296-24-42.49	61.967	67-44-29.53	36.918	55.000	11.241	65.027	++602.397	++634.910	++667.424	++639.315
81	383394.555	3040982.626	305-32-14.56	61.531	09-07-32.07	15.961	200.000	0.636	31.854	++676.076	++692.003	++707.930	++692.037
82	383318.471	3041008.400	323-14-10.08	44.344	17-41-55.52	12.455	80.000	0.964	24.712	++723.858	++736.214	++748.570	++736.313
83	383294.538	3041040.434	301-19-18.44	39.987	21-54-51.64	13.552	70.000	1.300	26.773	++762.549	++775.936	++789.323	++776.102
84	383260.050	3041061.421	01-41-35.52	40.372	60-22-17.08	14.542	25.000	3.922	26.342	++801.600	++814.771	++827.942	++816.142



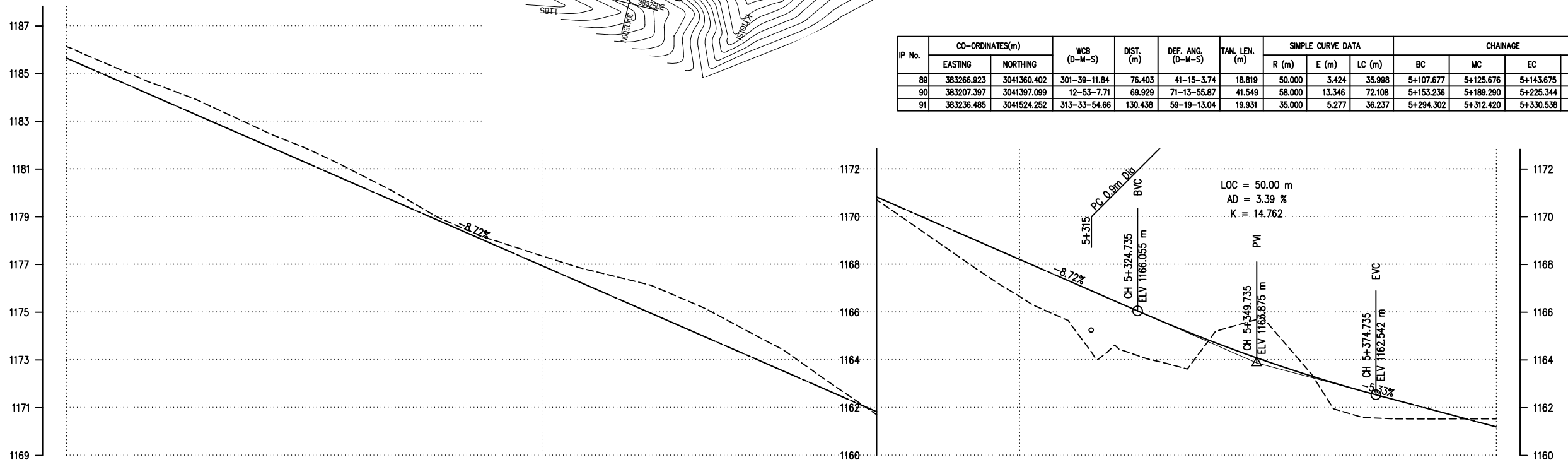
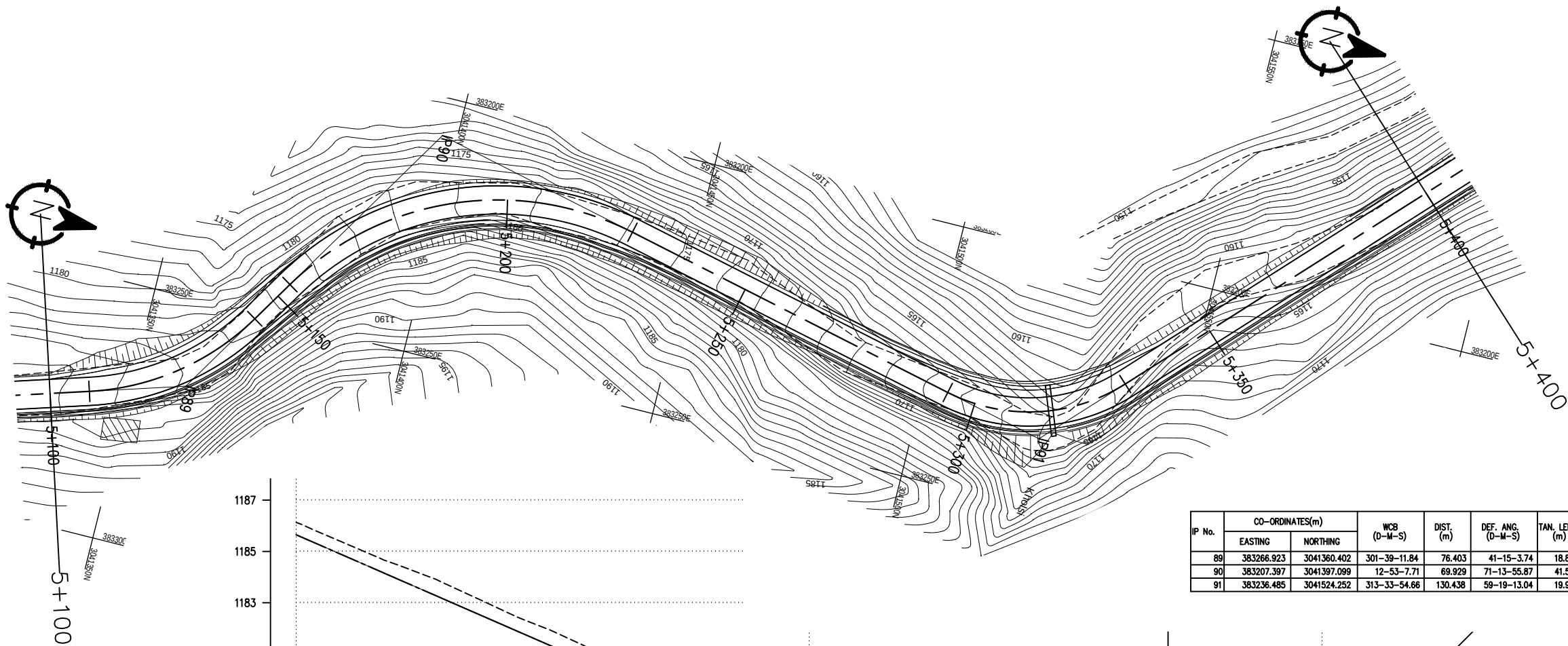
DESIGN LEVEL(m)		1247.203 1245.818 1244.568 1243.474 1242.421 1241.368 1240.314 1239.261 1238.208 1237.155 1236.101 1235.048 1233.995 1232.941 1231.888 1230.835 1229.782 1228.728 1227.675 1226.622 1225.568 1224.515 1223.462 1222.409 1221.355 1220.302 1219.249 1218.195 1217.142 1216.089 1215.036																															
EXISTING LEVEL(m)		1245.761 1244.384 1244.862 1244.165 1243.897 1245.663 1242.561 1241.019 1240.362 1237.183 1237.089 1236.533 1235.089 1234.031 1233.033 1231.859 1230.603 1229.208 1227.885 1226.863 1226.156 1225.293 1224.212 1223.140 1221.971 1220.725 1219.487 1218.738 1218.018 1217.139 1216.526																															
CHAINAGE(Km)		4+500 4+510 4+520 4+530 4+540 4+550 4+560 4+570 4+580 4+590 4+600 4+610 4+620 4+630 4+640 4+650 4+660 4+670 4+680 4+690 4+700 4+710 4+720 4+730 4+740 4+750 4+760 4+770 4+780 4+790 4+800																															
HORIZONTAL ALIGNMENT	RIGHT																																
	LEFT	IP-77 R=12.50 IP-78 R=12.50 IP-79 R=12.50 IP-80 R=55.00 IP-81 R=200.00 IP-82 R=80.00 IP-83 R=70.00																															
SUPER ELEVATION		2.5 T NC T -2.5 T -2.5 T 2.5 T -2.5 T -2.5 T 2.5 T -2.5 T -4.5 T 2.5 T 2.5 T 2.5 T 2.5 T 2.5 T 2.5 T 2.5 T																															
		4+500 4+507.057 4+512.832 4+542.876 4+548.651 4+568.897 4+571.752 4+590.559 4+603.772 4+666.049 4+677.451 4+706.555 4+726.333 4+746.095 4+763.924 4+787.948 4+800																															



IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
84	383260.050	3041061.421	01-41-35.52	40.372	60-22-17.08	14.542	25.000	3.922	26.342	4+801.600	4+814.771	4+827.942	4+816.142
85	383261.523	3041111.251	26-08-49.14	49.852	24-27-13.63	21.670	100.000	2.321	42.680	4+841.582	4+862.922	4+884.262	4+863.252
86	383304.603	3041199.008	335-47-15.06	97.759	50-21-34.09	11.753	25.000	2.825	21.973	4+948.598	4+959.584	4+970.571	4+960.351
87	383287.052	3041238.036	02-42-17.65	42.795	26-55-2.59	14.359	60.000	1.694	28.188	4+987.253	5+001.347	5+015.441	5+001.612
88	383289.383	3041287.375	342-54-15.58	49.394	19-48-2.07	19.199	110.000	1.663	38.014	5+031.278	5+050.285	5+069.292	5+050.476
89	383266.923	3041360.402	301-39-11.84	76.403	41-15-3.74	18.819	50.000	3.424	35.998	5+107.677	5+125.676	5+143.675	5+126.496



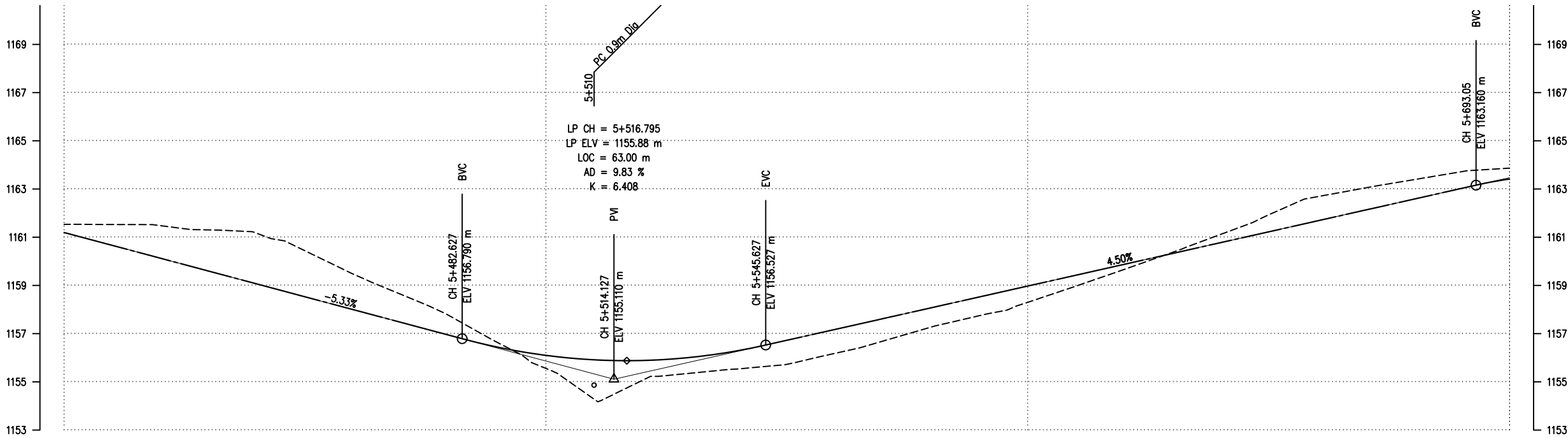
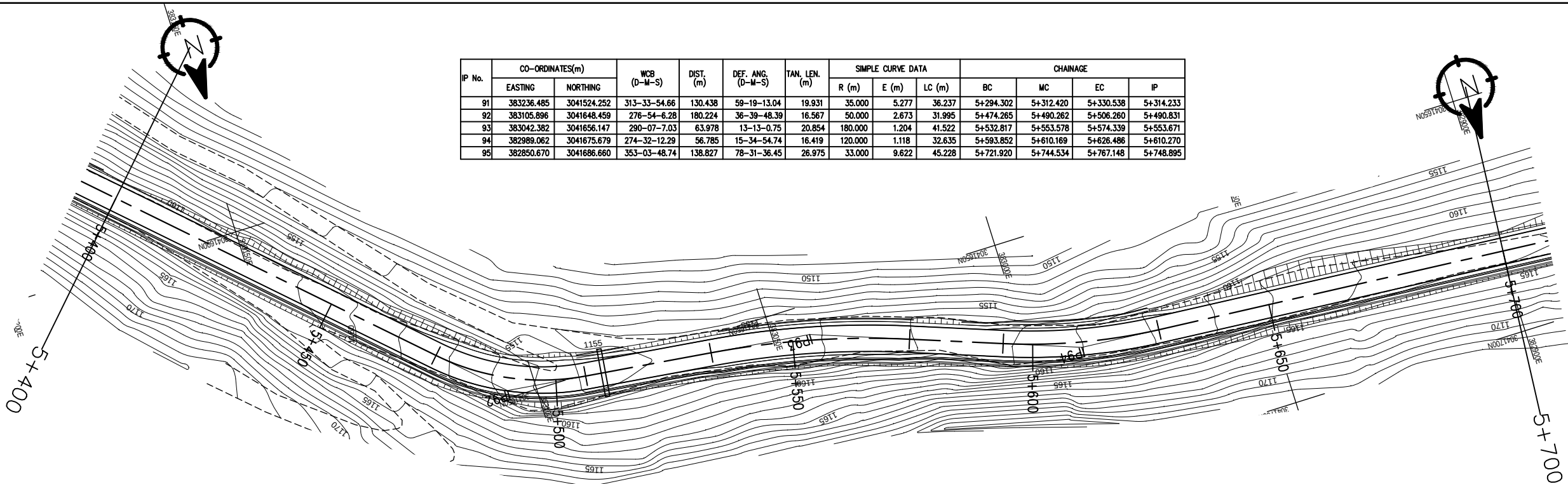
DESIGN LEVEL(m)		1215.036	1213.982	1212.929	1211.876	1210.822	1209.769	1208.716	1207.663	1206.609	1205.556	1204.503	1203.449	1202.396	1201.343	1200.290	1199.236	1198.183	1197.132	1196.142	1195.241	1194.369	1193.497	1192.625	1191.753	1190.881	1190.009	1189.138	1188.266	1187.394	1186.522	1185.650	
EXISTING LEVEL(m)		1216.526	1216.199	1215.710	1214.773	1213.845	1212.836	1211.658	1210.289	1208.979	1207.535	1205.985	1204.610	1203.374	1202.273	1200.738	1199.205	1197.774	1196.873	1196.059	1195.440	1194.760	1193.679	1192.442	1191.237	1190.279	1189.563	1188.940	1188.334	1187.769	1186.999	1186.132	
CHAINAGE(Km)		4+800	4+810	4+820	4+830	4+840	4+850	4+860	4+870	4+880	4+890	4+900	4+910	4+920	4+930	4+940	4+950	4+960	4+970	4+980	4+990	5+000	5+010	5+020	5+030	5+040	5+050	5+060	5+070	5+080	5+090	5+100	
HORIZONTAL ALIGNMENT	RIGHT	IP-84 R=25.00				IP-85 R=100.00												IP-86 R=25.00				IP-87 R=60.00						IP-88 R=110.00					
	LEFT																																
SUPER ELEVATION		4+800 4+803.25	-3	T	-2.5	T	NC						T		7	T			-2.5		T			4	T			NC					

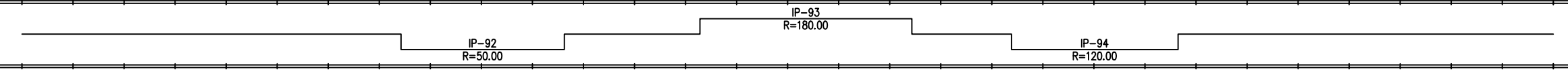
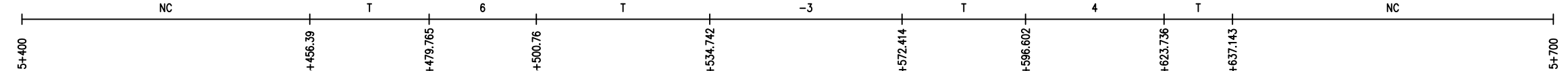


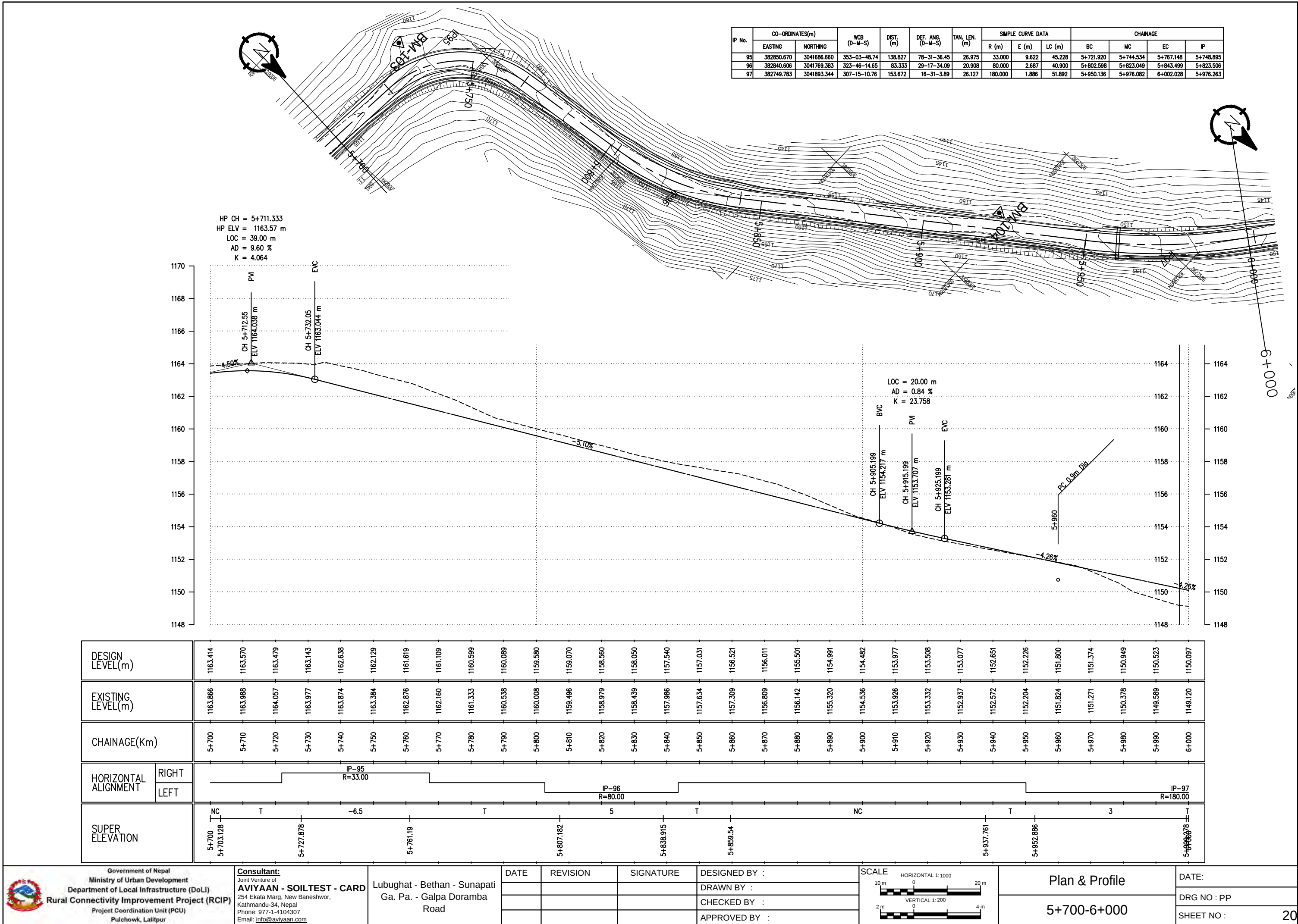
IP No.	CO-ORDINATES(m)		WC8 (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
89	383266.923	3041360.402	301-39-11.84	76.403	41-15-3.74	18.819	50.000	3.424	35.998	5+107.677	5+125.676	5+143.675	5+126.496
90	383207.397	3041397.099	12-53-7.71	69.929	71-13-55.87	41.549	58.000	13.346	72.108	5+153.236	5+189.290	5+225.344	5+194.785
91	383236.485	3041524.252	313-33-54.66	130.438	59-19-13.04	19.931	35.000	5.277	36.237	5+294.302	5+312.420	5+330.538	5+314.233

DESIGN LEVEL(m)		1185.650	1184.778	1183.906	1183.034	1182.162	1181.290	1180.418	1179.547	1178.675	1177.803	1176.931	1176.059	1175.187	1174.315	1173.443	1172.571	1171.699	1170.828	1169.956	1169.084	1168.212	1167.340	1166.468	1165.605	1164.803	1164.068	1163.402	1162.802	1162.262	1161.728	1161.195	
EXISTING LEVEL(m)		1186.132	1185.278	1184.461	1183.655	1182.730	1181.893	1180.937	1179.898	1178.796	1177.996	1177.344	1176.748	1176.261	1175.503	1174.518	1173.466	1172.068	1170.707	1169.330	1167.943	1166.658	1165.669	1164.611	1163.894	1164.909	1165.713	1163.689	1161.705	1161.534	1161.533	1161.535	
CHAINAGE(Km)		5+100	5+110	5+120	5+130	5+140	5+150	5+160	5+170	5+180	5+190	5+200	5+210	5+220	5+230	5+240	5+250	5+260	5+270	5+280	5+290	5+300	5+310	5+320	5+330	5+340	5+350	5+360	5+370	5+380	5+390	5+400	
HORIZONTAL ALIGNMENT	RIGHT																																
	LEFT																																
SUPER ELEVATION		NC	T	2.5		T	-2.5					T	NC					T	6.5		T	NC					T	NC					T
		5+100	5+103.277	5+109.062			5+142.3					5+154.611					5+223.969	5+229.744			5+275.51			5+300.26			5+324.58			5+349.33			5+400

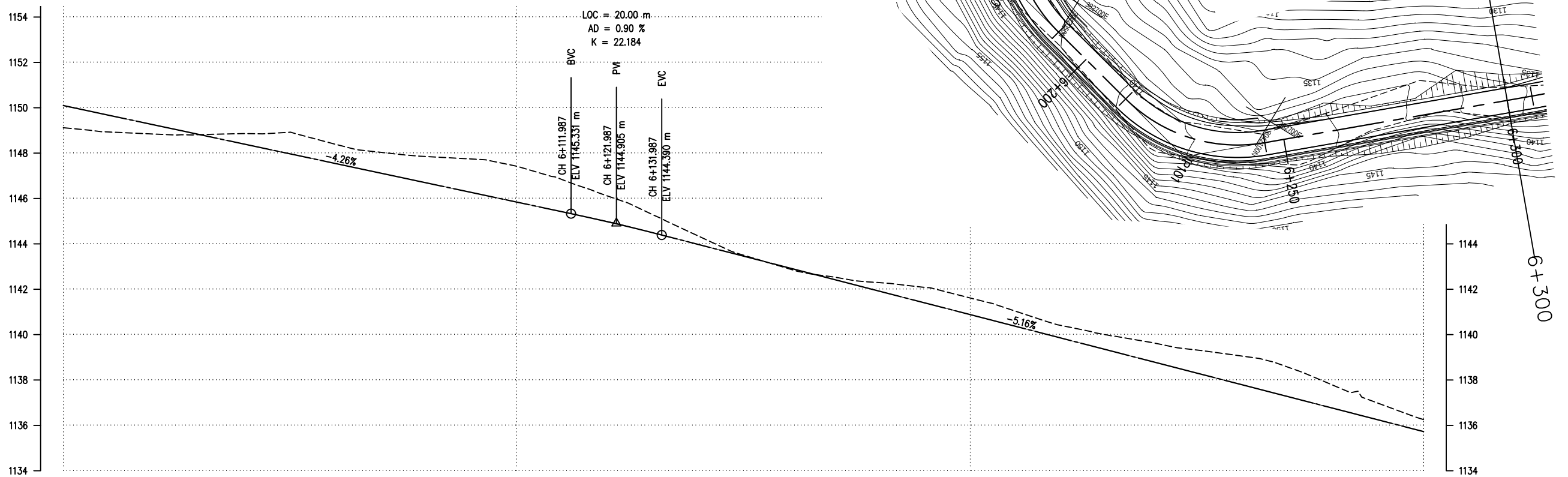
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
91	383236.485	3041524.252	313-33-54.66	130.438	59-19-13.04	19.931	35.000	5.277	36.237	5+294.302	5+312.420	5+330.538	5+314.233
92	383105.896	3041648.459	276-54-6.28	180.224	36-39-48.39	16.567	50.000	2.673	31.995	5+474.265	5+490.262	5+506.260	5+490.831
93	383042.382	3041656.147	290-07-7.03	63.978	13-13-0.75	20.854	180.000	1.204	41.522	5+532.817	5+553.578	5+574.339	5+553.671
94	382989.062	3041675.679	274-32-12.29	56.785	15-34-54.74	16.419	120.000	1.118	32.635	5+583.852	5+610.169	5+626.486	5+610.270
95	382850.670	3041686.660	353-03-48.74	138.827	78-31-36.45	26.975	33.000	9.622	45.228	5+721.920	5+744.534	5+767.148	5+748.895



DESIGN LEVEL(m)		1161.195	1160.662	1160.129	1159.596	1159.062	1158.529	1157.996	1157.463	1156.930	1156.439	1155.887	1155.357	1154.822	1155.059	1155.357	1155.536	1155.726	1156.183	1156.694	1157.275	1157.747	1158.299	1158.974	1159.424	1159.874	1160.324	1160.774	1161.224	1161.673	1162.123	1162.573	1163.023	1163.414
EXISTING LEVEL(m)		1161.535	1161.527	1161.481	1161.304	1161.162	1160.438	1159.473	1158.623	1157.738	1156.627	1155.558	1154.282	1155.059	1155.357	1155.536	1155.726	1156.183	1156.694	1157.275	1157.747	1158.299	1158.971	1159.662	1160.369	1161.114	1161.927	1162.678	1163.043	1163.384	1163.718	1163.866		
CHAINAGE(Km)		5+400	5+410	5+420	5+430	5+440	5+450	5+460	5+470	5+480	5+490	5+500	5+510	5+520	5+530	5+540	5+550	5+560	5+570	5+580	5+590	5+600	5+610	5+620	5+630	5+640	5+650	5+660	5+670	5+680	5+690	5+700		
HORIZONTAL ALIGNMENT	RIGHT																																	
	LEFT																																	
SUPER ELEVATION																																		

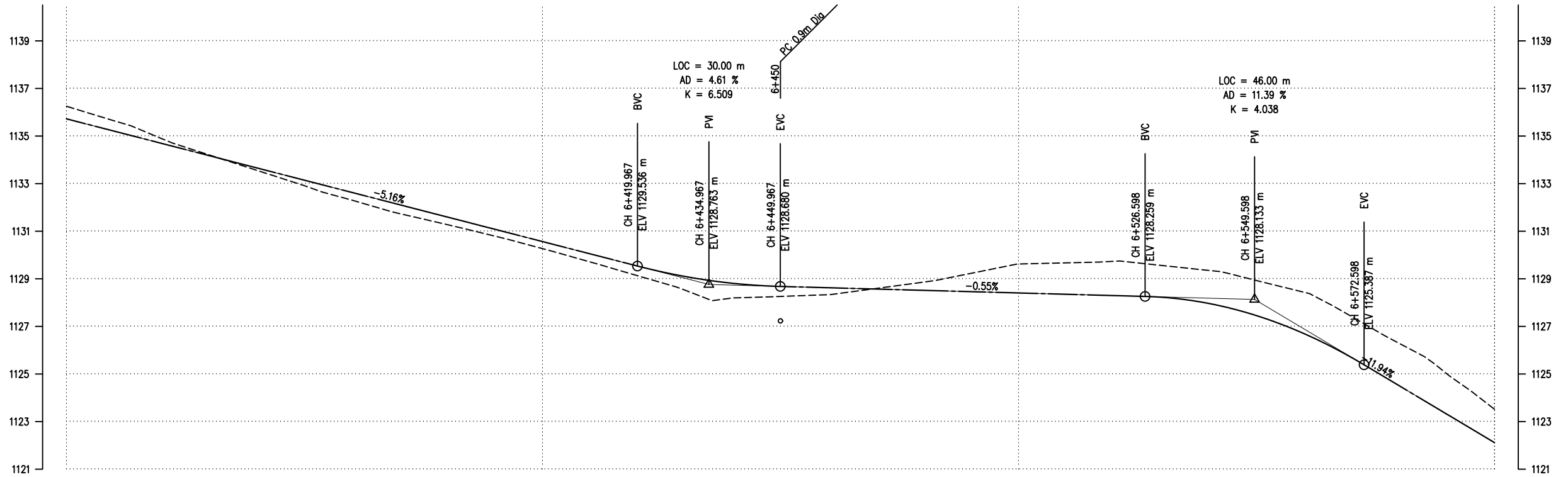
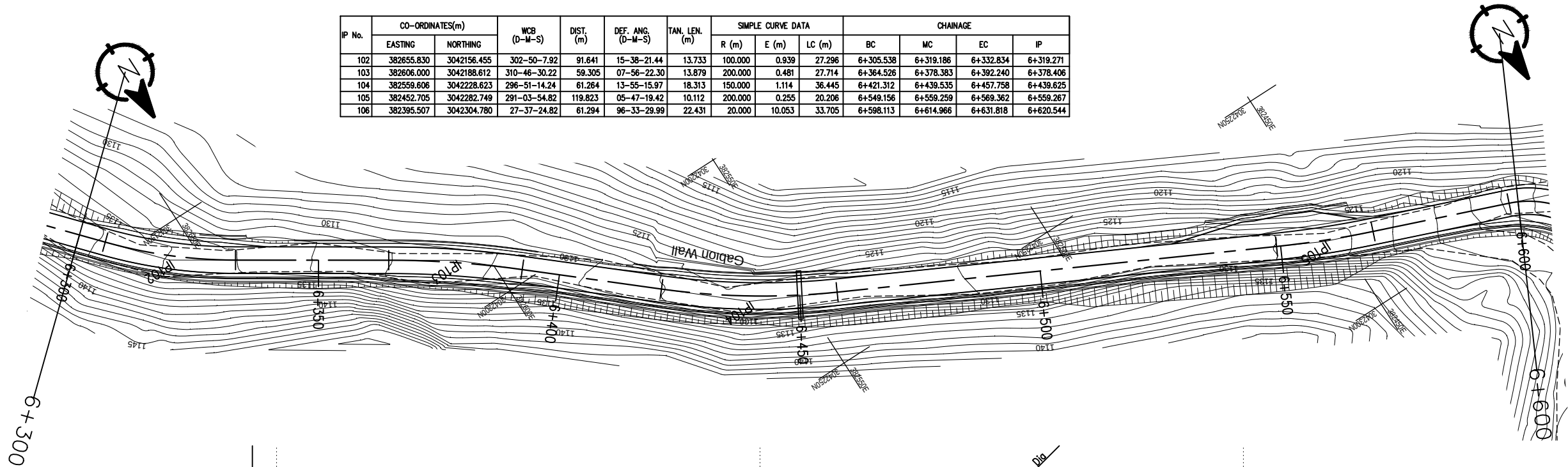


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
97	382749.783	3041893.344	307-15-10.76	153.672	16-31-3.89	26.127	180.000	1.886	51.892	5+950.136	5+976.082	6+002.028	5+976.263
98	382696.664	3041932.220	323-00-12.62	64.222	15-45-1.85	20.748	150.000	1.428	41.235	6+019.375	6+039.992	6+060.610	6+040.123
99	382644.140	3042004.585	64-02-16.17	90.607	101-02-3.55	36.415	30.000	17.181	52.901	6+094.053	6+120.504	6+146.954	6+130.468
100	382703.906	3042033.686	13-10-24.88	66.474	50-51-51.29	16.643	35.000	3.756	31.071	6+160.370	6+175.906	6+191.442	6+177.014
101	382716.583	3042087.847	318-28-29.36	55.625	54-41-55.52	18.103	35.000	4.405	33.414	6+212.320	6+229.027	6+245.734	6+230.423
102	382655.830	3042156.455	302-50-7.92	91.641	15-38-21.44	13.733	100.000	0.939	27.296	6+305.538	6+319.186	6+332.834	6+319.271

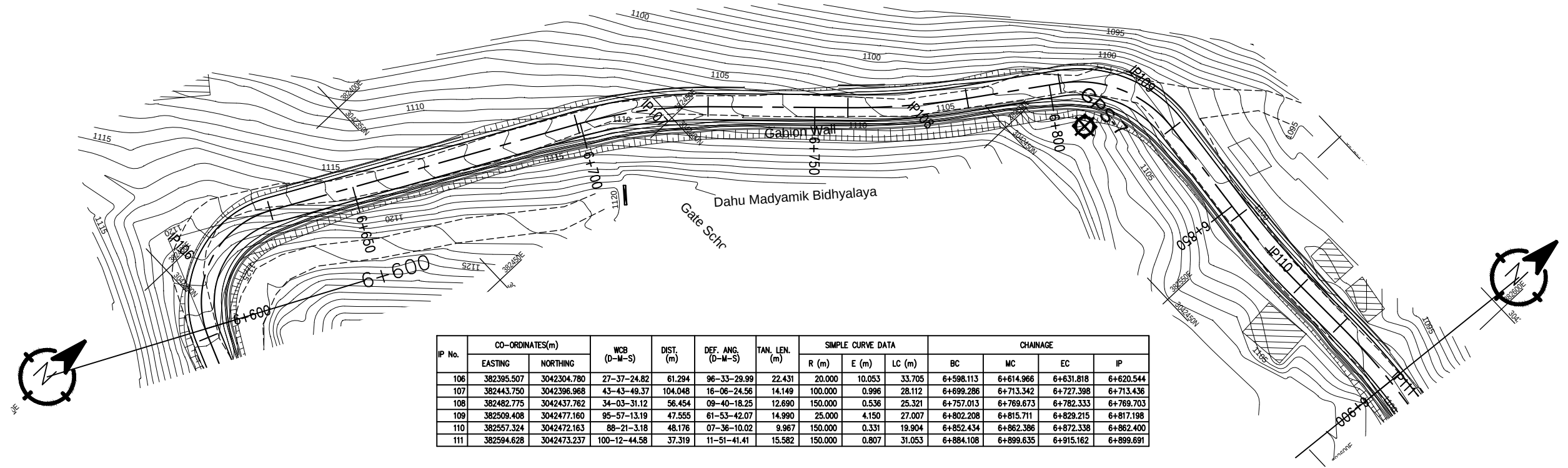


DESIGN LEVEL(m)		1150.097	1149.672	1149.246	1148.821	1148.395	1147.969	1147.544	1147.118	1146.692	1146.267	1145.841	1145.416	1144.975	1144.491	1143.976	1143.461	1142.945	1142.429	1141.913	1141.397	1140.882	1140.366	1139.850	1139.334	1138.819	1138.303	1137.787	1137.271	1136.755	1136.240	1135.724
EXISTING LEVEL(m)		1149.120	1148.933	1148.841	1148.817	1148.863	1148.921	1148.391	1148.036	1147.851	1147.742	1147.424	1146.834	1146.112	1145.285	1144.351	1143.502	1142.905	1142.537	1142.292	1142.083	1141.615	1141.033	1140.406	1139.991	1139.652	1139.321	1139.052	1138.572	1137.771	1136.973	1136.254
CHAINAGE(Km)		6+000	6+010	6+020	6+030	6+040	6+050	6+060	6+070	6+080	6+090	6+100	6+110	6+120	6+130	6+140	6+150	6+160	6+170	6+180	6+190	6+200	6+210	6+220	6+230	6+240	6+250	6+260	6+270	6+280	6+290	6+300
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION																																

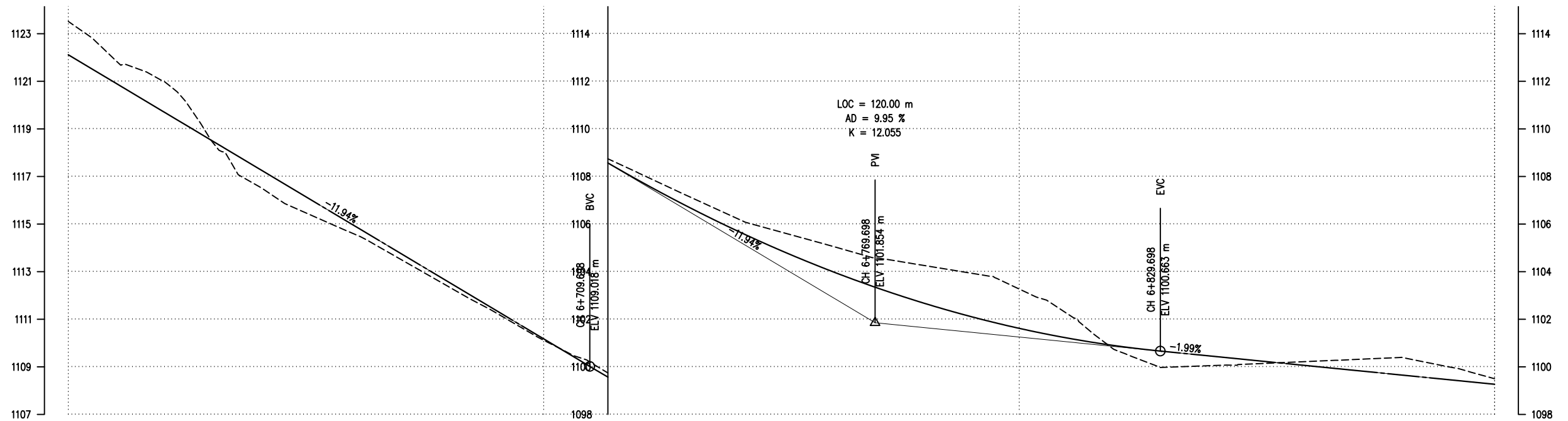
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
102	382655.830	3042156.455	302-50-7.92	91.641	15-38-21.44	13.733	100.000	0.939	27.296	6+305.538	6+319.186	6+332.834	6+319.271
103	382606.000	3042188.612	310-46-30.22	59.305	07-56-22.30	13.879	200.000	0.481	27.714	6+364.526	6+378.383	6+392.240	6+378.406
104	382559.606	3042228.623	296-51-14.24	61.264	13-55-15.97	18.313	150.000	1.114	36.445	6+421.312	6+439.535	6+457.758	6+439.625
105	382452.705	3042282.749	291-03-54.82	119.823	05-47-19.42	10.112	200.000	0.255	20.206	6+549.156	6+559.259	6+569.362	6+559.267
106	382395.507	3042304.780	27-37-24.82	61.294	96-33-29.99	22.431	20.000	10.053	33.705	6+598.113	6+614.966	6+631.818	6+620.544



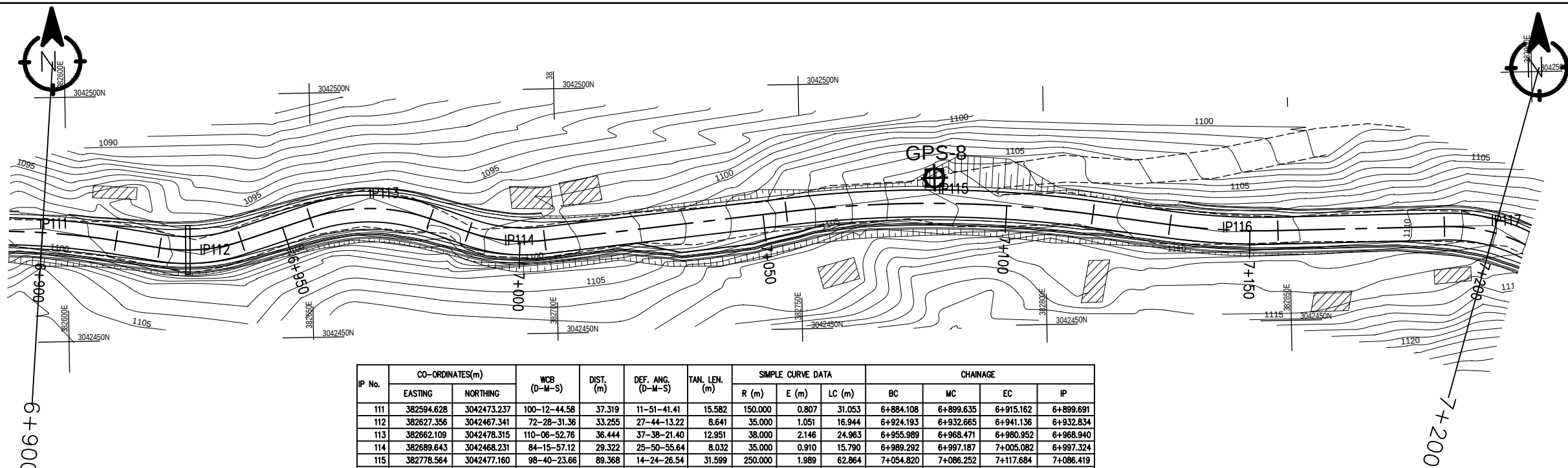
DESIGN LEVEL(m)		1135.724	1135.208	1134.692	1134.177	1133.661	1133.145	1132.629	1132.113	1131.598	1131.082	1130.566	1130.050	1129.535	1129.096	1128.811	1128.680	1128.625	1128.570	1128.515	1128.460	1128.406	1128.351	1128.296	1128.226	1127.964	1127.453	1126.695	1125.689	1124.503	1123.309	1122.115
EXISTING LEVEL(m)		1136.254	1135.641	1134.894	1134.207	1133.560	1132.914	1132.306	1131.741	1131.277	1130.795	1130.270	1129.711	1129.128	1128.519	1128.196	1128.260	1128.332	1128.591	1128.860	1129.229	1129.622	1129.670	1129.736	1129.564	1129.353	1128.927	1128.434	1127.411	1126.286	1125.006	1123.519
CHAINAGE(Km)		6+300	6+310	6+320	6+330	6+340	6+350	6+360	6+370	6+380	6+390	6+400	6+410	6+420	6+430	6+440	6+450	6+460	6+470	6+480	6+490	6+500	6+510	6+520	6+530	6+540	6+550	6+560	6+570	6+580	6+590	6+600
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION		<																														



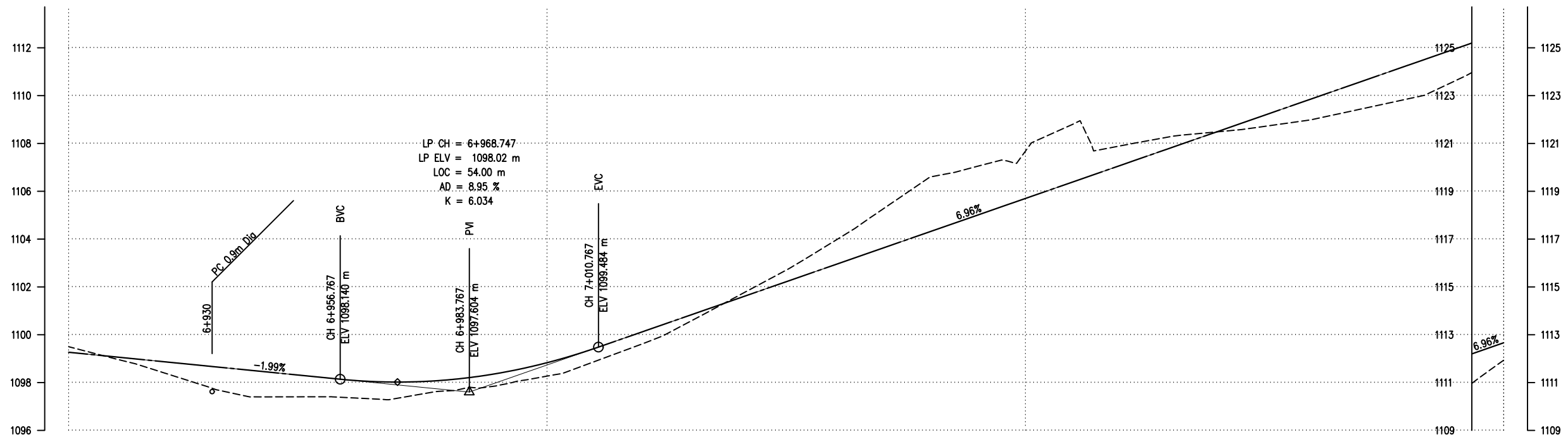
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
106	382395.507	3042304.780	27-37-24.82	61.294	96-33-29.99	22.431	20.000	10.053	33.705	6+598.113	6+614.966	6+631.818	6+620.544
107	382443.750	3042396.968	43-43-49.37	104.048	16-06-24.56	14.149	100.000	0.996	28.112	6+699.286	6+713.342	6+727.398	6+713.436
108	382482.775	3042437.762	34-03-31.12	56.454	09-40-18.25	12.690	150.000	0.536	25.321	6+757.013	6+769.673	6+782.333	6+769.703
109	382509.408	3042477.160	95-57-13.19	47.555	61-53-42.07	14.990	25.000	4.150	27.007	6+802.208	6+815.711	6+829.215	6+817.198
110	382557.324	3042472.163	88-21-3.18	48.176	07-36-10.02	9.967	150.000	0.331	19.904	6+852.434	6+862.386	6+872.338	6+862.400
111	382594.628	3042473.237	100-12-44.58	37.319	11-51-41.41	15.582	150.000	0.807	31.053	6+884.108	6+899.635	6+915.162	6+899.691



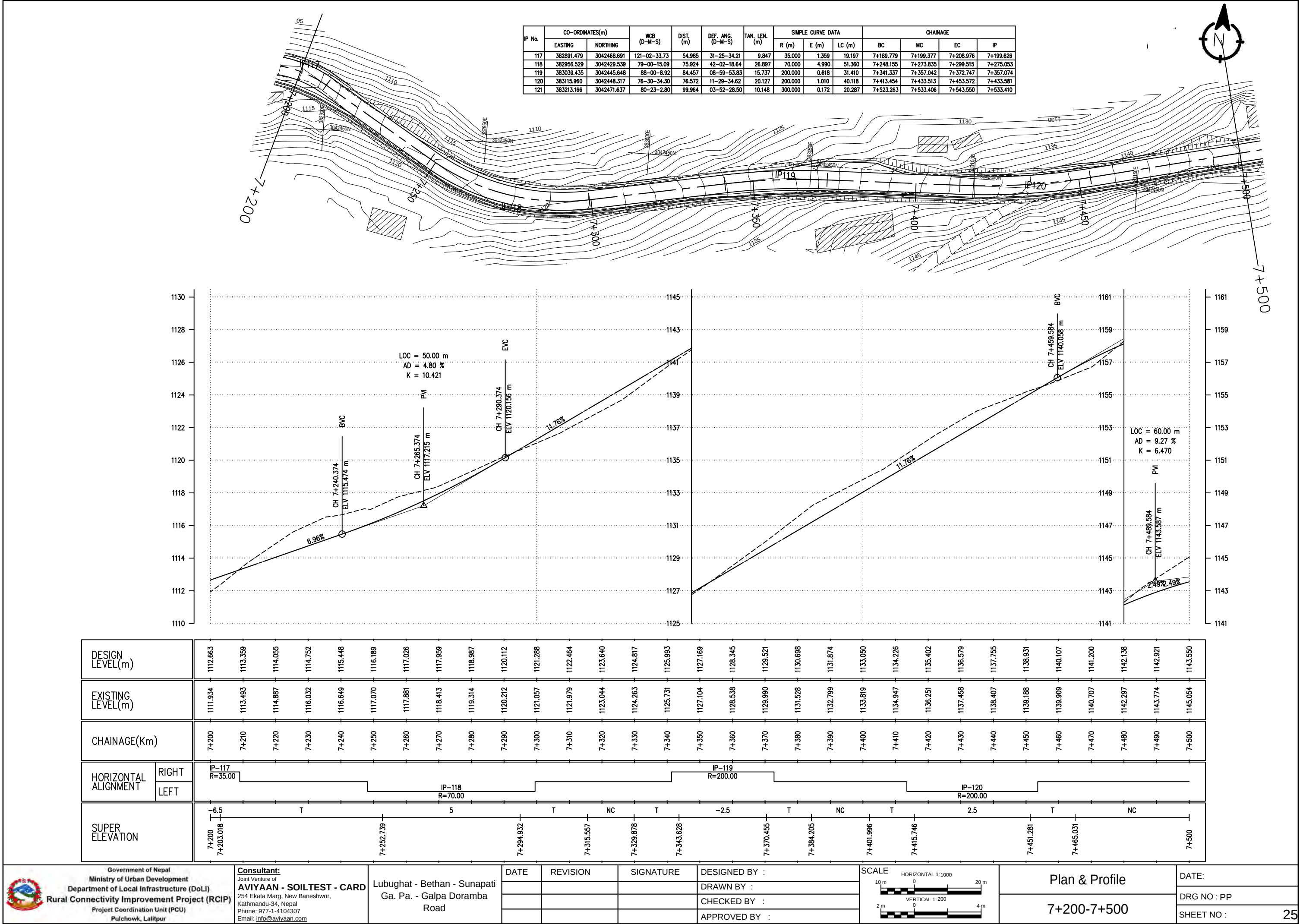
DESIGN LEVEL(m)		1122.115		1120.921		1119.727		1118.533		1117.339		1116.145		1114.951		1113.758		1112.564		1111.370		1110.176		1108.982		1107.832		1106.765		1105.781		1104.879		1104.061		1103.326		1102.674		1102.104		1101.618		1101.215		1100.894		1100.657		1100.458		1100.259		1100.061		1099.862		1099.664		1099.465		1099.267																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
EXISTING LEVEL(m)		1123.519		1121.874		1120.996		1118.534		1116.594		1115.469		1114.595		1113.510		1112.369		1111.266		1110.117		1109.165		1108.139		1107.209		1106.298		1105.660		1105.110		1104.570		1104.260		1103.933		1103.271		1102.250		1100.728		1099.975		1100.047		1100.130		1100.217		1100.303		1100.392		1100.011		1099.500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
CHAINAGE(Km)		6+600		6+610		6+620		6+630		6+640		6+650		6+660		6+670		6+680		6+690		6+700		6+710		6+720		6+730		6+740		6+750		6+760		6+770		6+780		6+790		6+800		6+810		6+820		6+830		6+840		6+850		6+860		6+870		6+880		6+890		6+900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
HORIZONTAL ALIGNMENT		RIGHT		IP-106 R=20.00												IP-107 R=100.00																																						IP-109 R=25.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					



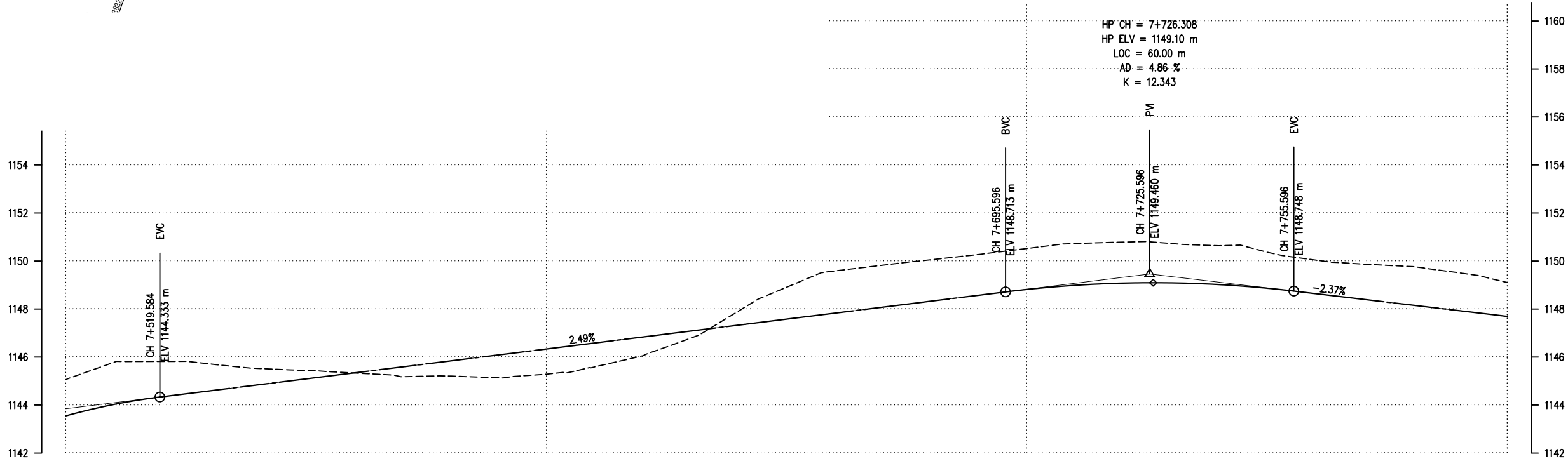
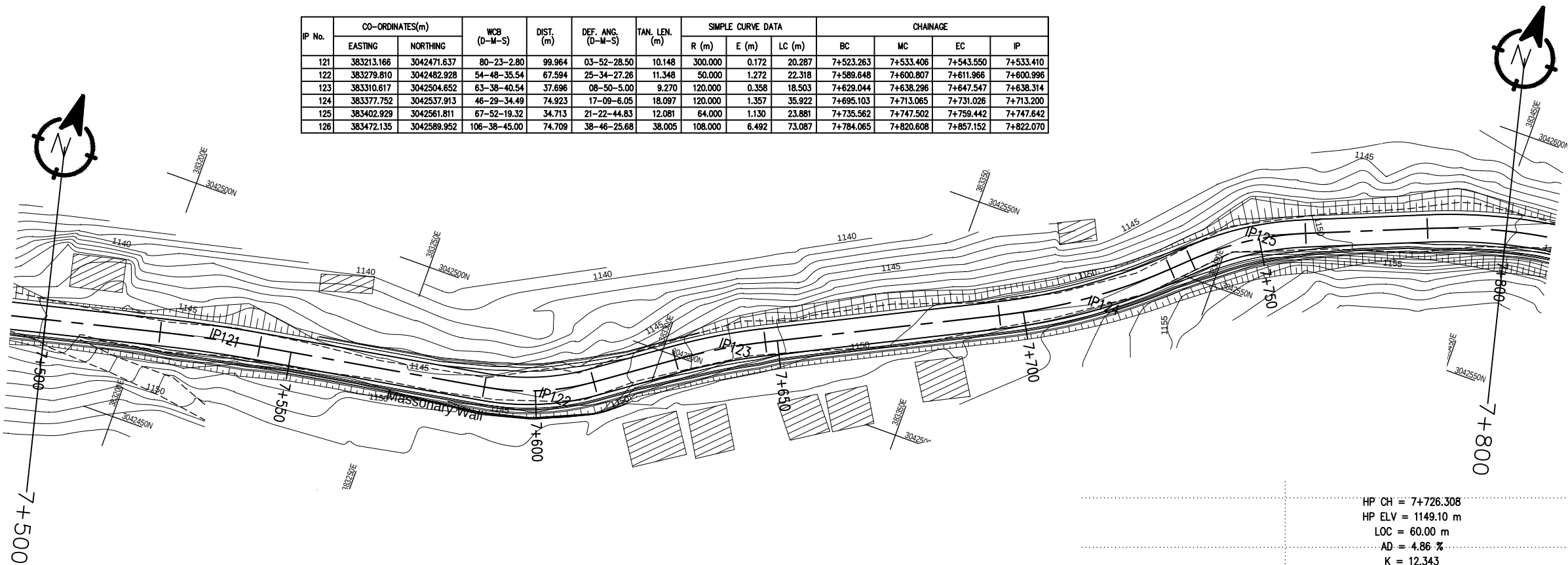
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
111	382594.628	3042473.237	100-12-44.58	37.319	11-51-41.41	15.582	150.000	0.807	31.053	6+884.108	6+899.635	6+915.162	6+899.691
112	382627.356	3042467.341	72-28-31.36	33.255	27-44-13.22	8.641	35.000	1.051	16.944	6+924.193	6+932.665	6+941.136	6+932.834
113	382662.109	3042478.315	110-06-52.76	36.444	37-38-21.40	12.951	38.000	2.146	24.963	6+955.989	6+968.471	6+980.952	6+968.940
114	382689.643	3042468.231	84-15-57.12	29.322	25-50-55.64	8.032	35.000	0.910	15.790	6+989.292	6+997.187	7+005.082	6+997.324
115	382778.564	3042477.160	98-40-23.66	89.368	14-24-26.54	31.599	250.000	1.989	62.864	7+054.820	7+086.252	7+117.684	7+086.419
116	382836.495	3042468.323	89-36-59.52	58.601	09-03-24.14	11.088	140.000	0.438	22.130	7+133.599	7+144.663	7+155.728	7+144.686
117	382891.479	3042468.691	121-02-33.73	54.985	31-25-34.21	9.847	35.000	1.359	19.197	7+189.779	7+199.377	7+208.976	7+199.626

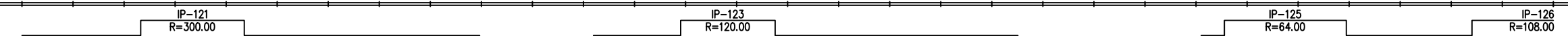
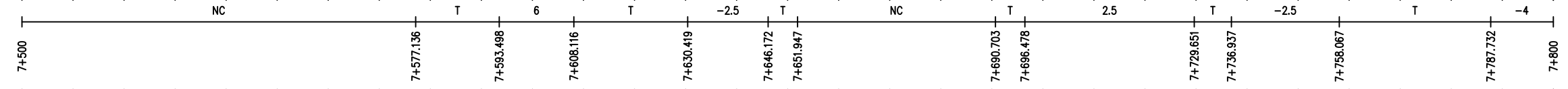


DESIGN LEVEL(m)		1099.267	1099.068	1098.870	1098.671	1098.473	1098.274	1098.084	1098.022	1098.126	1098.395	1098.830	1099.431	1100.127	1100.823	1101.520	1102.216	1102.913	1103.609	1104.305	1105.002	1105.698	1106.395	1107.091	1107.788	1108.484	1109.180	1109.877	1110.573	1111.270	1111.966	1112.663
EXISTING LEVEL(m)		1099.500	1098.981	1098.402	1097.761	1097.401	1097.404	1097.353	1097.388	1097.660	1097.891	1098.269	1098.882	1099.623	1100.563	1101.630	1102.700	1103.908	1105.224	1106.588	1107.047	1107.671	1108.809	1107.904	1108.273	1108.483	1108.714	1109.000	1109.433	1109.866	1110.632	1111.934
CHAINAGE(Km)		6+900	6+910	6+920	6+930	6+940	6+950	6+960	6+970	6+980	6+990	7+000	7+010	7+020	7+030	7+040	7+050	7+060	7+070	7+080	7+090	7+100	7+110	7+120	7+130	7+140	7+150	7+160	7+170	7+180	7+190	7+200
HORIZONTAL ALIGNMENT	RIGHT	IP-111 R=150.00		IP-112 R=35.00		IP-113 R=38.00		IP-114 R=35.00		IP-115 R=250.00		IP-116 R=140.00		IP-117 R=35.00																		
	LEFT																															
SUPER ELEVATION		6+900	-2.5	T	2.5	T	2.5	T	-2.5	T	2.5	T	NC										T	2.5	T	NC	T	-6.5	7+200			
		6+900	6+913.787	6+925.568	6+939.761	6+957.364	6+979.577	6+990.667	7+003.707	7+009.482											7+129.199	7+134.974	7+154.353	7+160.128	7+170.987			7+195.737	7+200			



IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
121	383213.166	3042471.637	80-23-2.80	99.964	03-52-28.50	10.148	300.000	0.172	20.287	7+523.263	7+533.406	7+543.550	7+533.410
122	383279.810	3042482.928	54-48-35.54	67.594	25-34-27.26	11.348	50.000	1.272	22.318	7+589.648	7+600.807	7+611.966	7+600.996
123	383310.617	3042504.652	63-38-40.54	37.696	08-50-5.00	9.270	120.000	0.358	18.503	7+629.044	7+638.296	7+647.547	7+638.314
124	383377.752	3042537.913	46-29-34.49	74.923	17-09-6.05	18.097	120.000	1.357	35.922	7+695.103	7+713.065	7+731.026	7+713.200
125	383402.929	3042561.811	67-52-19.32	34.713	21-22-44.83	12.081	64.000	1.130	23.881	7+735.562	7+747.502	7+759.442	7+747.642
126	383472.135	3042589.952	106-38-45.00	74.709	38-46-25.68	38.005	108.000	6.492	73.087	7+784.065	7+820.608	7+857.152	7+822.070



DESIGN LEVEL(m)		1143.550	1144.024	1144.344	1144.593	1144.841	1145.090	1145.339	1145.588	1145.837	1146.086	1146.334	1146.583	1146.832	1147.081	1147.330	1147.579	1147.827	1148.076	1148.325	1148.574	1148.815	1148.987	1149.079	1149.090	1149.019	1148.868	1148.643	1148.406	1148.169	1147.931	1147.694	
EXISTING LEVEL(m)		1145.054	1145.779	1145.815	1145.713	1145.524	1145.442	1145.337	1145.180	1145.208	1145.136	1145.285	1145.586	1146.047	1146.783	1147.912	1147.330	1148.906	1149.585	1149.825	1150.051	1150.272	1150.519	1150.728	1150.788	1150.731	1150.637	1150.369	1150.042	1149.872	1149.772	1149.509	1149.104
CHAINAGE(Km)		7+500	7+510	7+520	7+530	7+540	7+550	7+560	7+570	7+580	7+590	7+600	7+610	7+620	7+630	7+640	7+650	7+660	7+670	7+680	7+690	7+700	7+710	7+720	7+730	7+740	7+750	7+760	7+770	7+780	7+790	7+800	
HORIZONTAL ALIGNMENT	RIGHT																																
	LEFT																																
SUPER ELEVATION																																	



Government of Nepal
Ministry of Urban Development
Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
Pulchowk, Lalitpur

Consultant:
Joint Venture of
AVIYAAN - SOILTEST - CARD
254 Ekata Marg, New Baneshwor,
Kathmandu-34, Nepal
Phone: 977-1-4104307
Email: info@aviyaan.com

Lubughat - Bethan - Sunapati
Ga. Pa. - Galpa Doramba
Road

DATE	REVISION	SIGNATURE	DESIGNED BY :
			DRAWN BY :
			CHECKED BY :
			APPROVED BY :

SCALE

HORIZONTAL 1:1000
VERTICAL 1:200

Plan & Profile

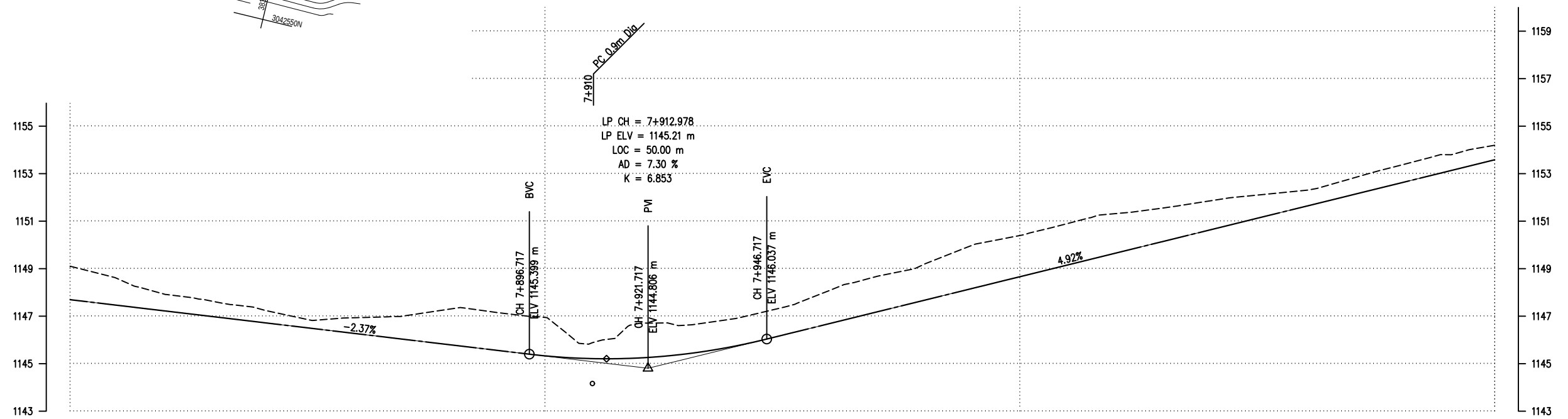
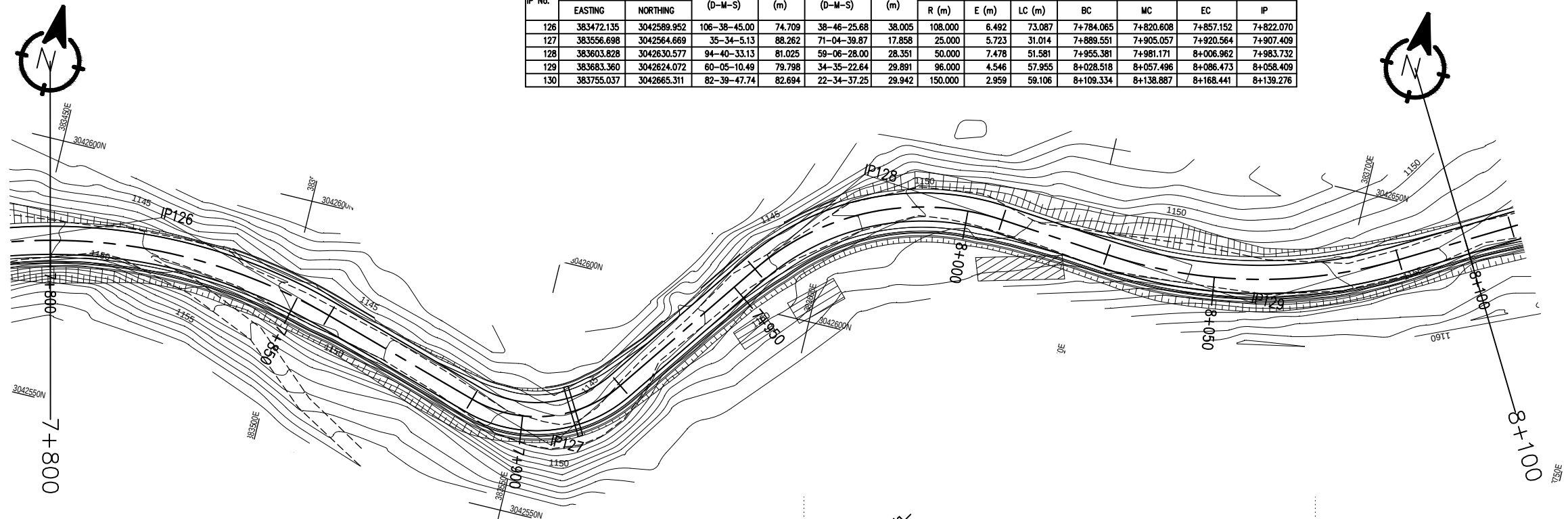
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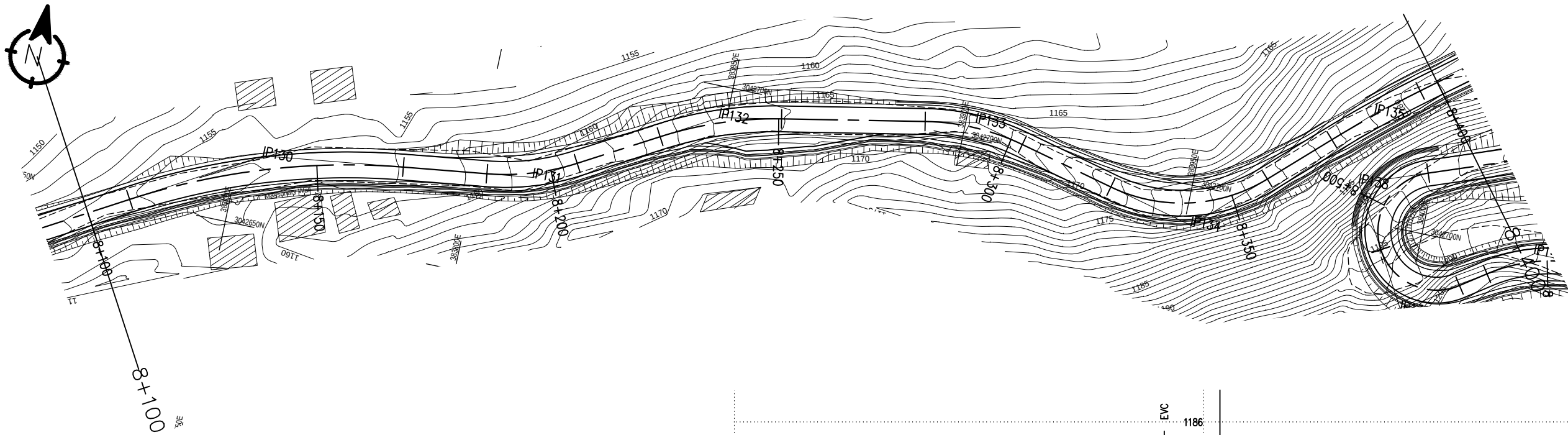
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SHEET NO : 26

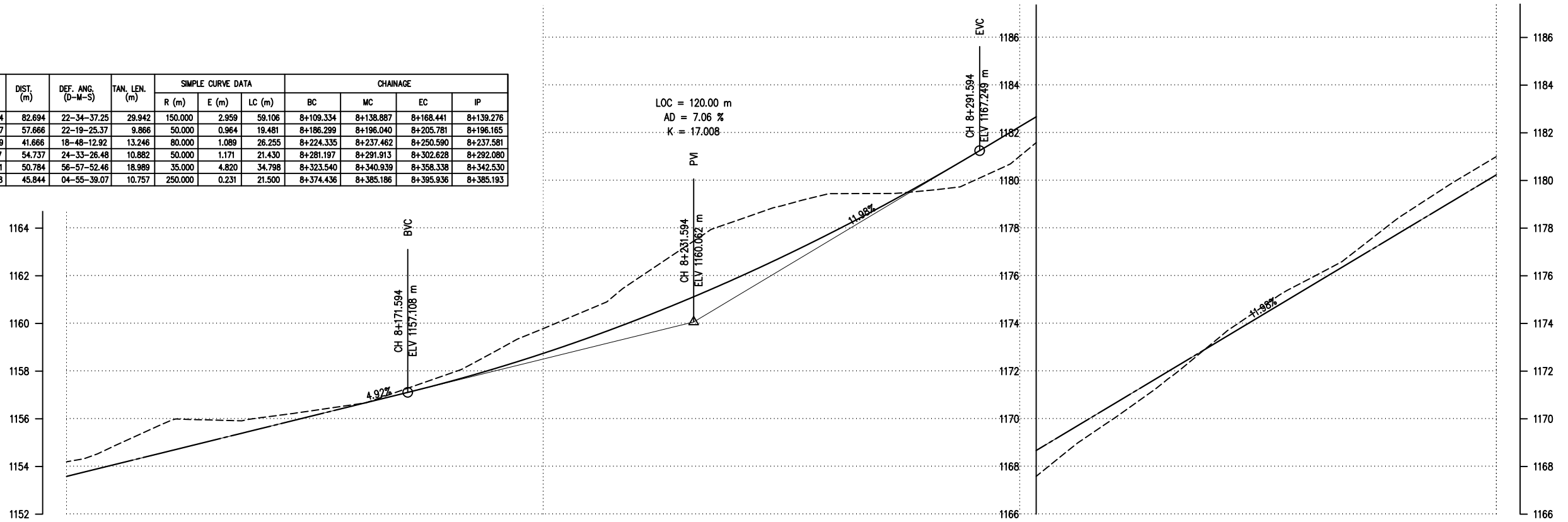
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
126	383472.135	3042589.952	106-38-45.00	74.709	38-46-25.68	38.005	108.000	6.492	73.087	7+784.065	7+820.608	7+857.152	7+822.070
127	383556.698	3042564.669	35-34-5.13	88.262	71-04-39.87	17.858	25.000	5.723	31.014	7+889.551	7+905.057	7+920.564	7+907.409
128	383603.828	3042630.577	94-40-33.13	81.025	59-06-28.00	28.351	50.000	7.478	51.581	7+955.381	7+981.171	8+006.962	7+983.732
129	383683.360	3042624.072	60-05-10.49	79.798	34-35-22.64	29.891	96.000	4.546	57.955	8+028.518	8+057.496	8+086.473	8+058.409
130	383755.037	3042665.311	82-39-47.74	82.694	22-34-37.25	29.942	150.000	2.959	59.106	8+109.334	8+138.887	8+168.441	8+139.276



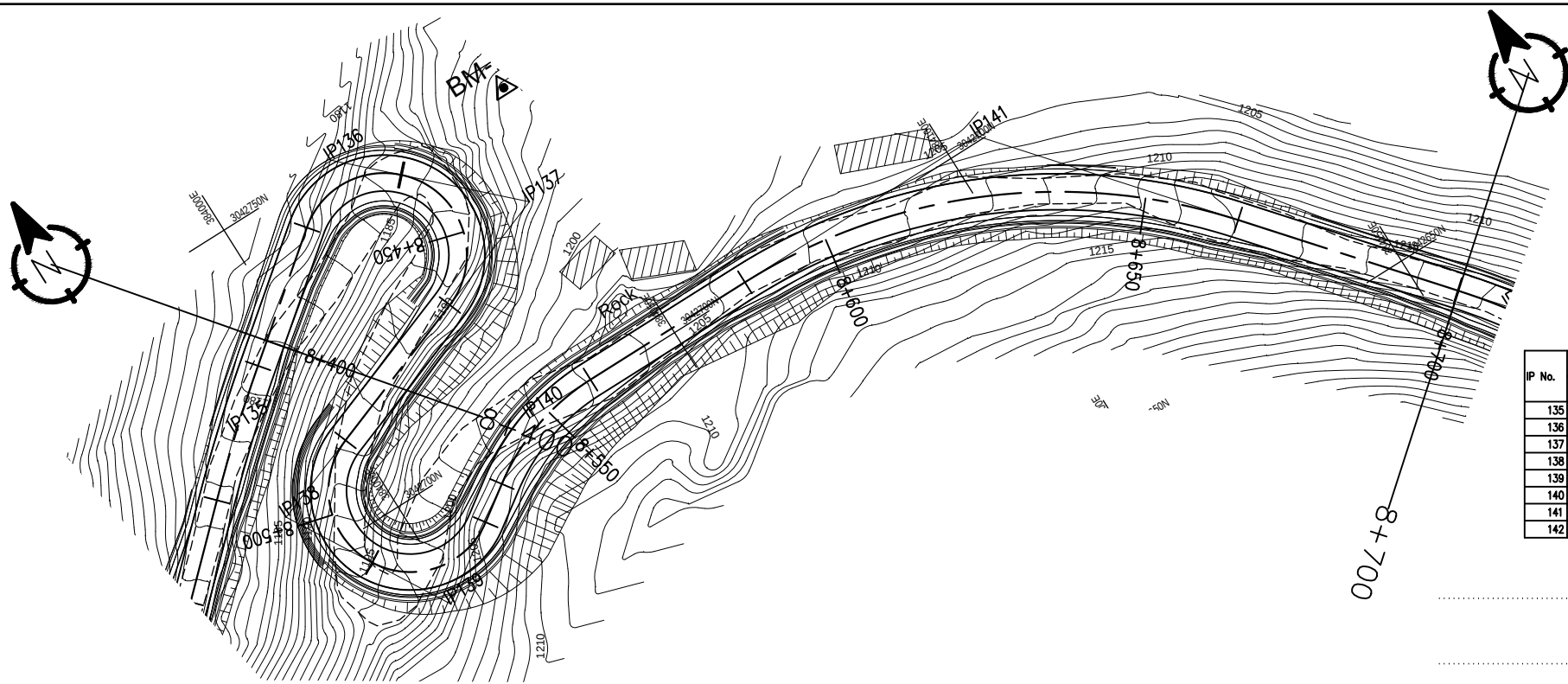
DESIGN LEVEL(m)		1147.694	1147.457	1147.219	1146.982	1146.745	1146.508	1146.270	1146.033	1145.796	1145.558	1145.329	1145.213	1145.242	1145.417	1145.739	1146.198	1146.691	1147.183	1147.675	1148.168	1148.660	1149.152	1149.645	1150.137	1150.629	1151.122	1151.614	1152.106	1152.599	1153.091	1153.583
EXISTING LEVEL(m)		1149.104	1148.578	1147.919	1147.626	1147.303	1146.858	1146.934	1147.000	1147.299	1147.150	1146.946	1145.883	1146.701	1146.625	1146.896	1147.362	1148.087	1148.681	1149.200	1149.987	1150.395	1150.897	1151.315	1151.549	1151.853	1152.097	1152.296	1152.803	1153.345	1153.797	1154.197
CHAINAGE(Km)		7+800	7+810	7+820	7+830	7+840	7+850	7+860	7+870	7+880	7+890	7+900	7+910	7+920	7+930	7+940	7+950	7+960	7+970	7+980	7+990	8+000	8+010	8+020	8+030	8+040	8+050	8+060	8+070	8+080	8+090	8+100
HORIZONTAL ALIGNMENT	RIGHT	IP-126 R=108.00																IP-128 R=50.00										IP-129 R=96.00				
	LEFT																															
SUPER ELEVATION		-4																7										2.5				



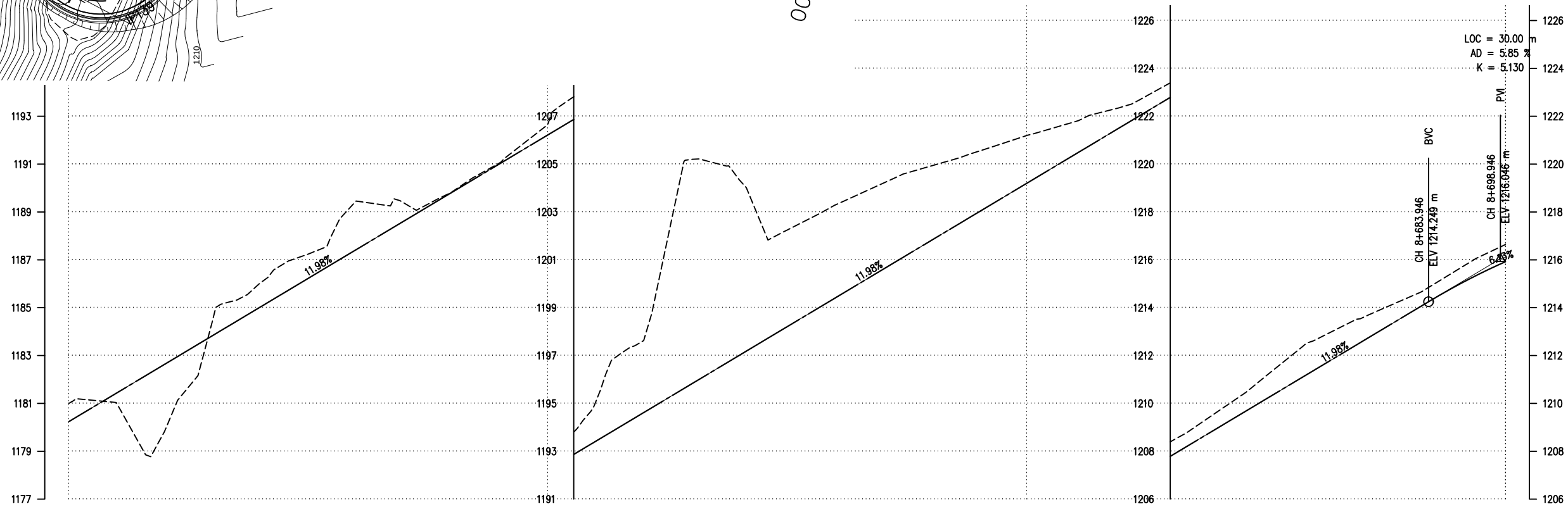
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
130	383755.037	3042685.311	82-39-47.74	82.694	22-34-37.25	29.942	150.000	2.959	59.106	8+109.334	8+138.887	8+168.441	8+139.276
131	383812.231	3042672.675	60-20-22.37	57.666	22-19-25.37	9.866	50.000	0.964	19.481	8+186.299	8+196.040	8+205.781	8+196.165
132	383848.438	3042693.294	79-08-35.29	41.666	18-48-12.92	13.246	80.000	1.089	26.255	8+224.335	8+237.462	8+250.590	8+237.581
133	383902.195	3042703.604	103-42-1.77	54.737	24-33-26.48	10.882	50.000	1.171	21.430	8+281.197	8+291.913	8+302.628	8+292.080
134	383951.534	3042691.576	46-44-9.31	50.784	56-57-52.46	18.989	35.000	4.820	34.798	8+323.540	8+340.939	8+358.338	8+342.530
135	383984.918	3042722.996	51-39-48.38	45.844	04-55-39.07	10.757	250.000	0.231	21.500	8+374.436	8+385.186	8+395.936	8+385.193



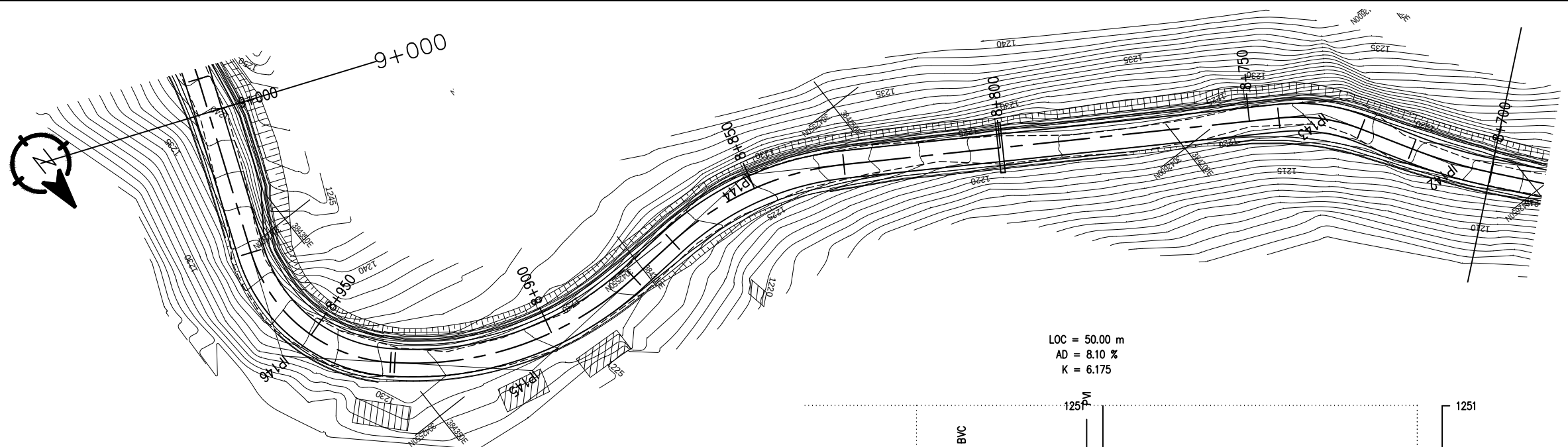
DESIGN LEVEL(m)		1153.583	1154.076	1154.568	1155.060	1155.553	1156.045	1156.537	1157.030	1157.543	1158.114	1158.744	1159.433	1160.180	1160.986	1161.852	1162.776	1163.758	1164.800	1165.900	1167.059	1168.256	1169.454	1170.652	1171.850	1173.048	1174.246	1175.444	1176.642	1177.840	1179.037	1180.235
EXISTING LEVEL(m)		1154.197	1154.861	1155.768	1155.953	1156.029	1156.295	1156.588	1157.172	1157.869	1158.835	1159.781	1160.622	1161.907	1163.246	1164.274	1164.932	1165.446	1165.452	1165.566	1165.958	1167.016	1168.643	1170.044	1171.493	1173.105	1174.567	1175.791	1176.964	1178.501	1179.800	1180.998
CHAINAGE(Km)		8+100	8+110	8+120	8+130	8+140	8+150	8+160	8+170	8+180	8+190	8+200	8+210	8+220	8+230	8+240	8+250	8+260	8+270	8+280	8+290	8+300	8+310	8+320	8+330	8+340	8+350	8+360	8+370	8+380	8+390	8+400
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION		8+100	8+112.542	-3.5	T	8+165.232	T	8+187.674	2.5	8+204.406	T	8+228.231	-5	8+246.694	T	8+286.147	-6	8+297.678	T	8+324.915	2.5	8+356.963	T	8+400								



IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
135	383984.918	3042722.996	51-39-48.38	45.844	04-55-39.07	10.757	250.000	0.231	21.500	8+374.436	8+385.186	8+395.936	8+385.193
136	384019.529	3042750.366	134-02-20.59	44.125	82-22-32.21	10.938	12.500	4.110	17.972	8+418.366	8+427.352	8+436.338	8+429.305
137	384041.867	3042728.765	249-50-56.86	31.074	115-48-36.27	19.931	12.500	11.026	25.266	8+436.543	8+449.176	8+461.809	8+456.474
138	383984.672	3042707.777	149-59-24.10	60.924	99-51-32.76	14.860	12.500	6.918	21.786	8+487.943	8+498.836	8+509.729	8+502.803
139	383998.925	3042683.100	55-09-22.36	28.497	94-50-1.74	13.602	12.500	5.973	20.690	8+509.765	8+520.109	8+530.454	8+523.366
140	384024.316	3042700.776	89-59-47.25	30.938	34-50-24.89	10.982	35.000	1.682	21.283	8+536.808	8+547.450	8+558.091	8+547.790
141	384105.197	3042700.781	140-00-17.71	80.881	50-00-30.46	41.976	90.000	9.307	78.553	8+586.014	8+625.291	8+664.568	8+627.990
142	384160.182	3042635.241	149-28-8.80	85.550	09-27-51.08	8.278	100.000	0.342	16.518	8+699.864	8+708.123	8+716.382	8+708.142

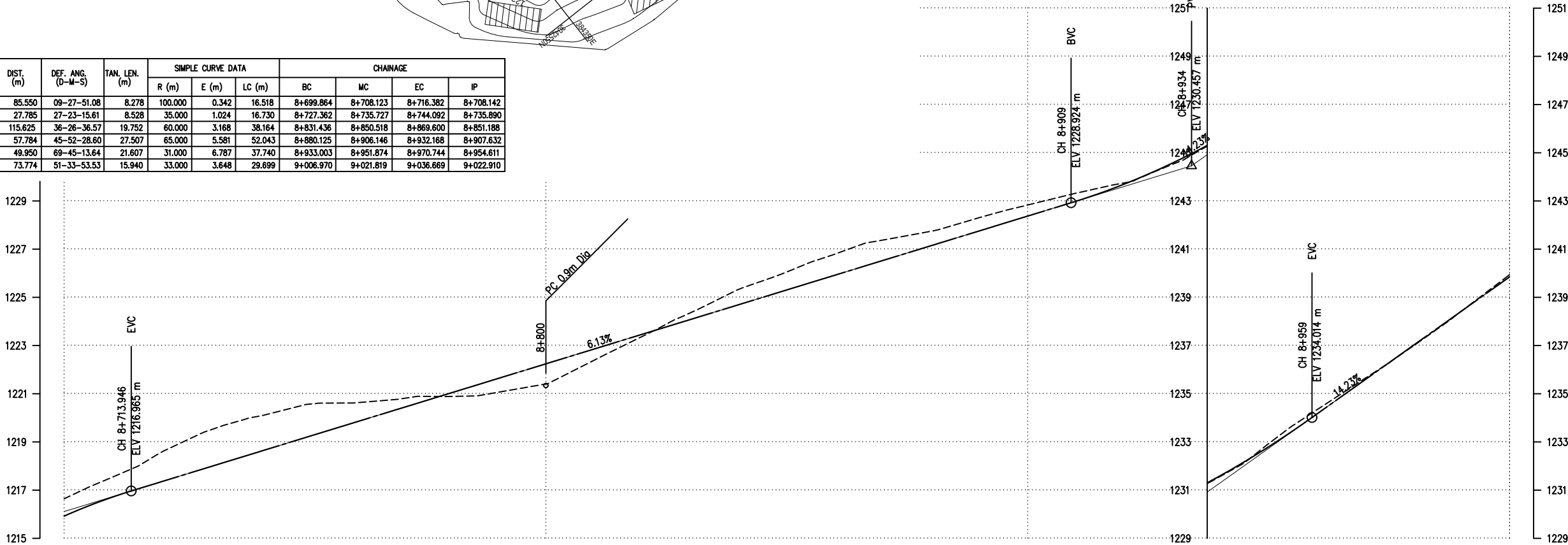


DESIGN LEVEL(m)		1180.235	1181.433	1182.631	1183.829	1185.027	1186.225	1187.423	1188.621	1189.818	1191.016	1192.214	1193.412	1194.610	1195.808	1197.006	1198.204	1199.402	1200.599	1201.797	1202.995	1204.193	1205.391	1206.589	1207.787	1208.985	1210.183	1211.380	1212.578	1213.776	1214.938	1215.921
EXISTING LEVEL(m)		1180.998	1181.009	1179.822	1184.430	1186.031	1187.238	1189.457	1189.374	1189.832	1191.052	1192.646	1195.042	1197.619	1205.200	1204.347	1202.242	1203.288	1204.196	1204.918	1205.537	1206.194	1206.765	1207.393	1208.394	1209.672	1211.148	1212.623	1213.564	1214.447	1215.586	1216.639
CHAINAGE(Km)		8+400	8+410	8+420	8+430	8+440	8+450	8+460	8+470	8+480	8+490	8+500	8+510	8+520	8+530	8+540	8+550	8+560	8+570	8+580	8+590	8+600	8+610	8+620	8+630	8+640	8+650	8+660	8+670	8+680	8+690	8+700
HORIZONTAL ALIGNMENT	RIGHT			IP-136 R=12.50		IP-137 R=12.50						IP-138 R=12.50		IP-139 R=12.50		IP-140 R=35.00				IP-141 R=90.00								IP-142 R=100.00				
	LEFT																															
SUPER ELEVATION		8+400	8+407.395	8+413.966	8+419.741	8+434.963	8+437.918	8+460.434	8+466.209	8+483.543	8+489.318	8+508.354	8+511.14	8+529.079	8+538.183	8+556.716	8+590.139										8+660.443	8+679.693	8+693.814	8+700		
		T	NC	T	-2.5	T	-2.5	T	NC	T	2.5	T	2.5	T	-2.5	T	-4.5	T	NC	T												

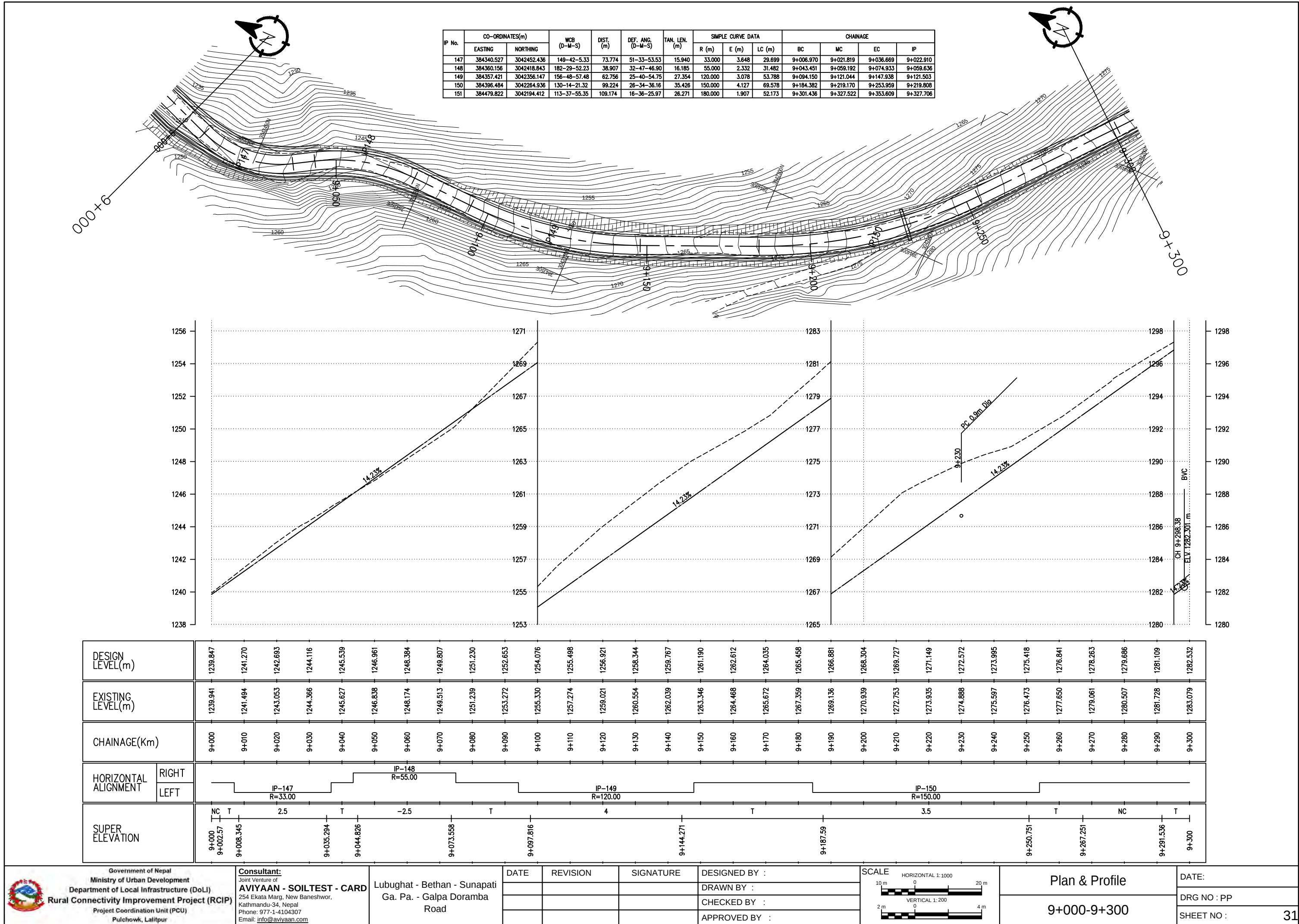


LOC = 50.00 m
AD = 8.10 %
K = 6.175

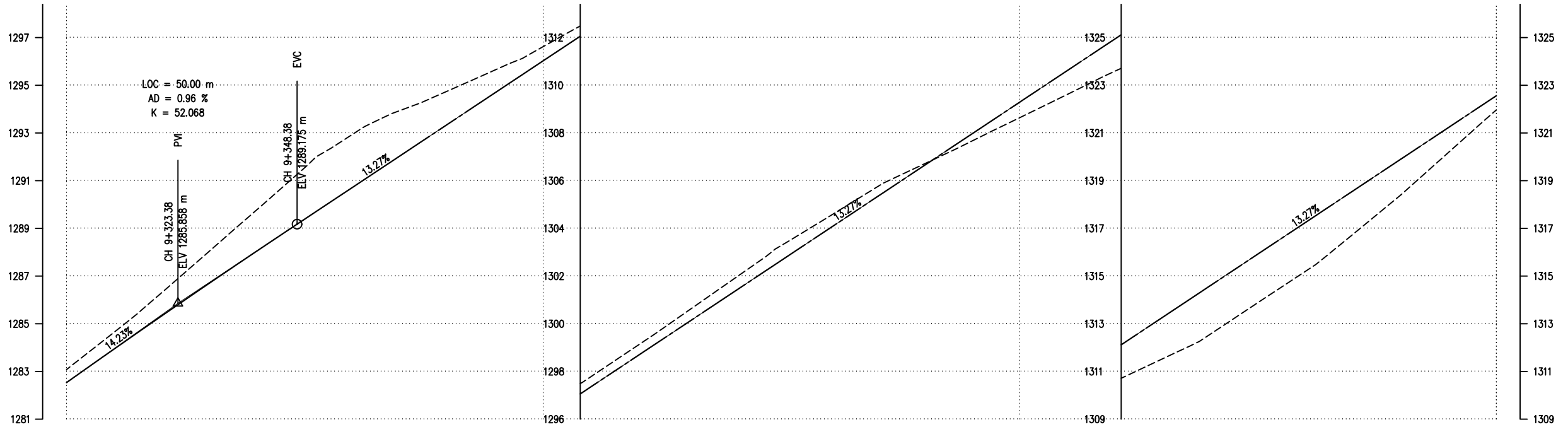
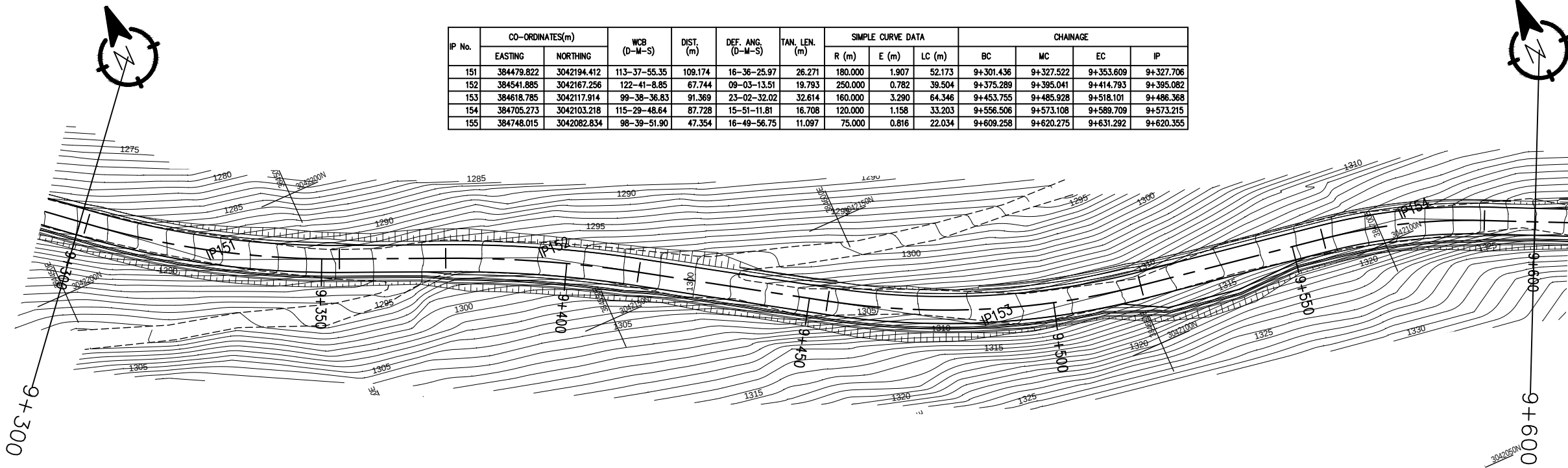
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
142	384160.182	3042635.241	149-28-8.80	85.550	09-27-51.08	8.278	100.000	0.342	16.518	8+699.864	8+708.123	8+716.382	8+708.142
143	384174.297	3042611.308	122-04-53.19	27.785	27-23-15.61	8.528	35.000	1.024	16.730	8+727.362	8+735.727	8+744.092	8+735.890
144	384272.265	3042549.897	85-38-16.62	115.625	36-26-36.57	19.752	60.000	3.168	38.164	8+831.436	8+850.518	8+869.600	8+851.188
145	384329.882	3042554.292	131-30-45.22	57.784	45-52-28.60	27.507	65.000	5.581	52.043	8+880.125	8+906.146	8+932.168	8+907.632
146	384367.285	3042521.186	201-15-58.86	49.950	69-45-13.64	21.607	31.000	6.787	37.740	8+933.003	8+951.874	8+970.744	8+954.611
147	384340.527	3042452.436	149-42-5.33	73.774	51-33-53.53	15.940	33.000	3.648	29.699	9+006.970	9+021.819	9+036.669	9+022.910



DESIGN LEVEL(m)		1215.921	1216.708	1217.337	1217.950	1218.563	1219.176	1219.789	1220.402	1221.015	1221.628	1222.241	1222.854	1223.467	1224.081	1224.694	1225.307	1225.920	1226.533	1227.146	1227.759	1228.372	1228.986	1229.599	1230.212	1231.003	1231.799	1232.595	1233.391	1234.187	1234.983	1235.779	1236.575	1237.371	1238.167	1238.963	1239.759
EXISTING LEVEL(m)		1216.639	1217.535	1218.551	1219.470	1220.051	1220.545	1220.616	1220.792	1220.887	1221.058	1221.405	1222.390	1223.378	1224.359	1225.329	1226.052	1226.794	1227.379	1227.746	1228.310	1228.832	1229.323	1229.748	1230.517	1231.572	1232.930	1234.333	1235.637	1236.980	1238.424	1239.941					
CHAINAGE(Km)		8+700	8+710	8+720	8+730	8+740	8+750	8+760	8+770	8+780	8+790	8+800	8+810	8+820	8+830	8+840	8+850	8+860	8+870	8+880	8+890	8+900	8+910	8+920	8+930	8+940	8+950	8+960	8+970	8+980	8+990	9+000					
HORIZONTAL ALIGNMENT	RIGHT	IP-142 R=100.00		IP-143 R=35.00		IP-144 R=60.00		IP-145 R=65.00		IP-146 R=31.00																											
	LEFT																																				
SUPER ELEVATION		T 8+700.000	-2.5	T	2.5	T 8+742.717	8+748.492	NC		T 8+825.386	8+832.811	2.5	T	8+868.225	8+881.5	-2.5	T	8+930.793	8+934.378	-2.5	T	8+969.369	8+975.144	NC		9+000											

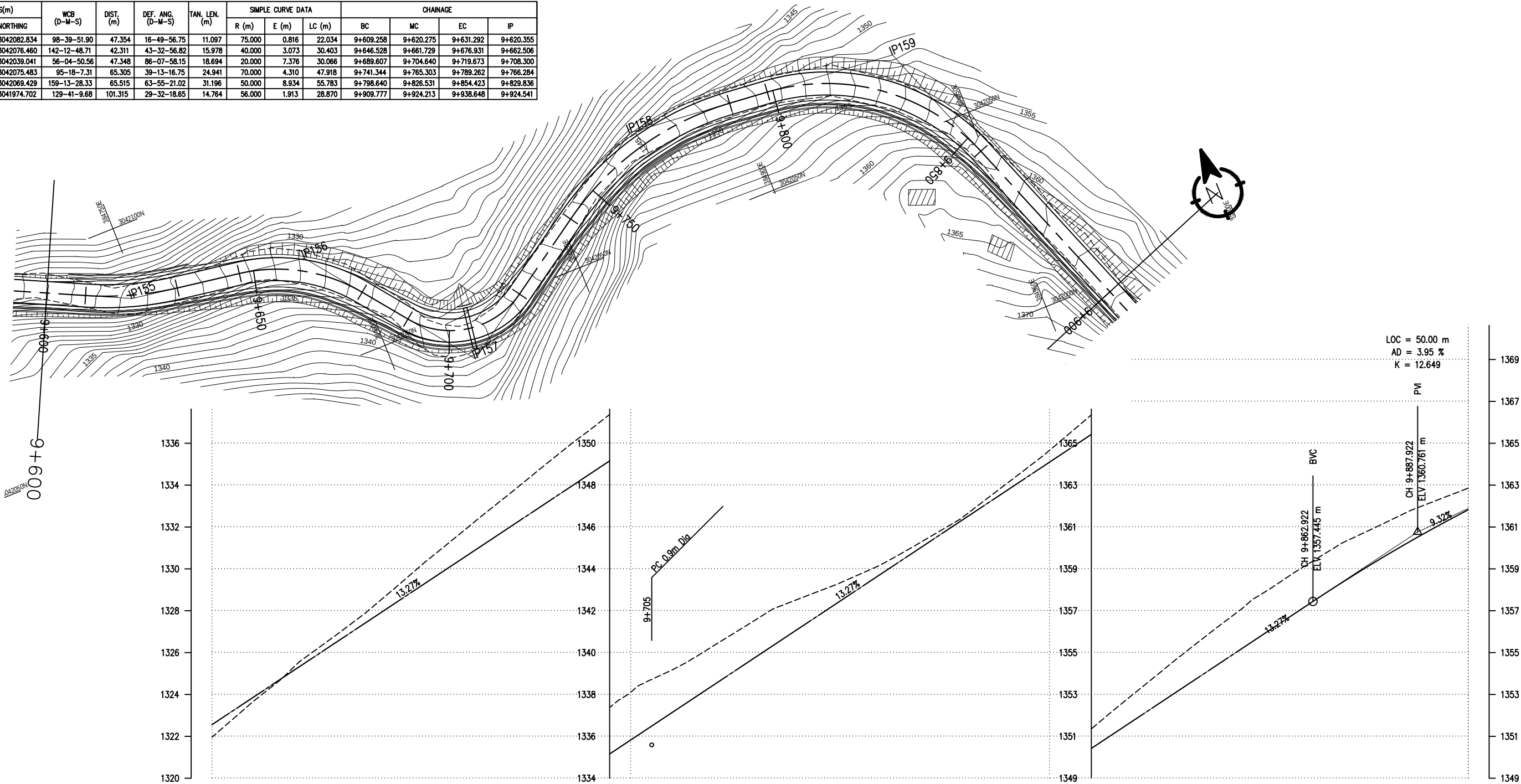


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
151	384479.822	3042194.412	113-37-55.35	109.174	16-36-25.97	26.271	180.000	1.907	52.173	9+301.436	9+327.522	9+353.609	9+327.706
152	384541.885	3042167.256	122-41-8.85	67.744	09-03-13.51	19.793	250.000	0.782	39.504	9+375.289	9+395.041	9+414.793	9+395.082
153	384618.785	3042117.914	99-38-36.83	91.369	23-02-32.02	32.614	160.000	3.290	64.346	9+453.755	9+485.928	9+518.101	9+486.368
154	384705.273	3042103.218	115-29-48.64	87.728	15-51-11.81	16.708	120.000	1.158	33.203	9+556.506	9+573.108	9+589.709	9+573.215
155	384748.015	3042082.834	98-39-51.90	47.354	16-49-56.75	11.097	75.000	0.816	22.034	9+609.258	9+620.275	9+631.292	9+620.355

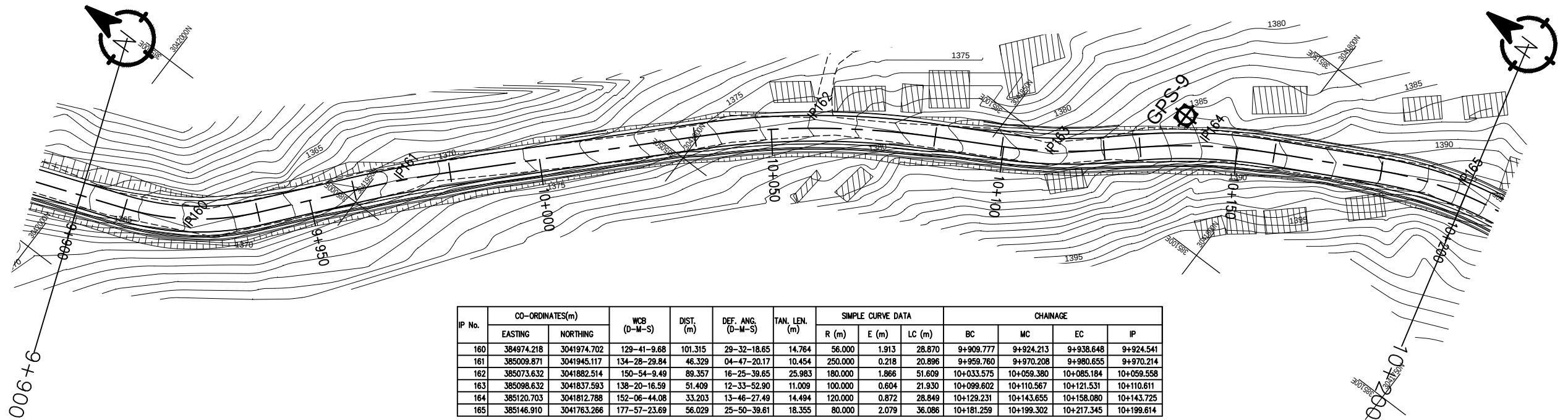


DESIGN LEVEL(m)		1282.532	1283.942	1285.333	1286.704	1288.057	1289.390	1290.717	1292.044	1293.371	1294.698	1296.024	1297.351	1298.678	1300.005	1301.332	1302.658	1303.985	1305.312	1306.639	1307.965	1309.292	1310.619	1311.946	1313.273	1314.599	1315.926	1317.253	1318.580	1319.907	1321.233	1322.560
EXISTING LEVEL(m)		1283.079	1284.645	1286.305	1288.047	1289.790	1291.548	1292.942	1293.943	1294.764	1295.650	1296.620	1297.776	1299.111	1300.484	1301.877	1303.284	1304.496	1305.728	1306.705	1307.663	1308.640	1309.617	1310.594	1311.533	1312.563	1313.889	1315.203	1316.762	1318.408	1320.190	1321.963
CHAINAGE(Km)		9+300	9+310	9+320	9+330	9+340	9+350	9+360	9+370	9+380	9+390	9+400	9+410	9+420	9+430	9+440	9+450	9+460	9+470	9+480	9+490	9+500	9+510	9+520	9+530	9+540	9+550	9+560	9+570	9+580	9+590	9+600
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION	RIGHT																															
	LEFT																															

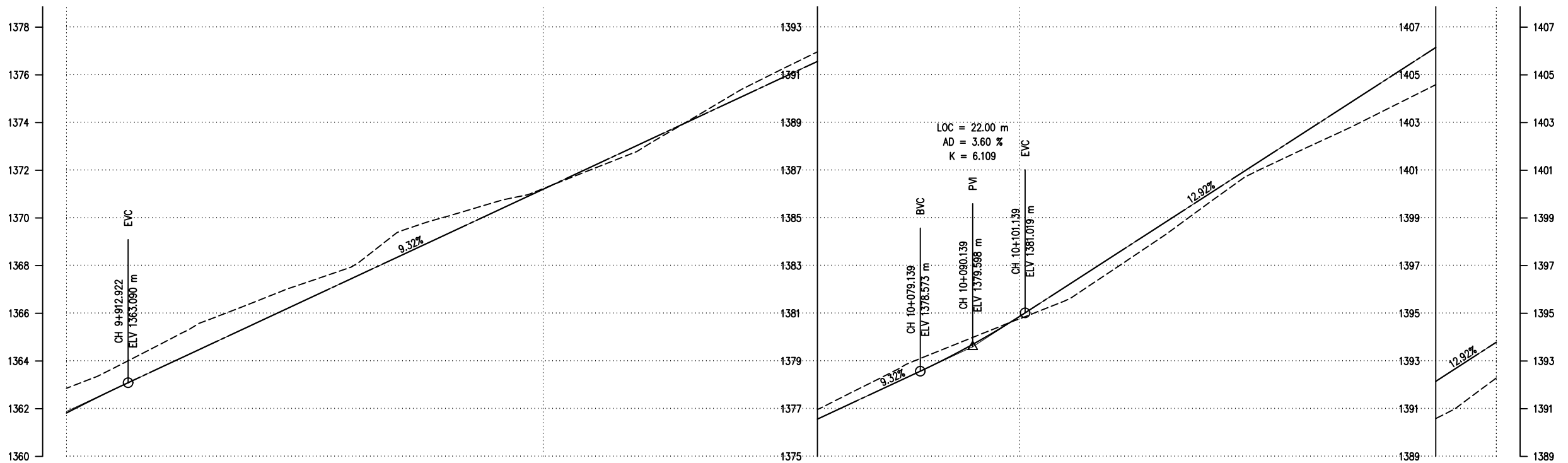
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
155	384748.015	3042082.834	98-39-51.90	47.354	16-49-56.75	11.097	75.000	0.816	22.034	9+609.258	9+620.275	9+631.292	9+620.355
156	384789.843	3042076.460	142-12-48.71	42.311	43-32-56.82	15.978	40.000	3.073	30.403	9+646.528	9+661.729	9+676.931	9+662.506
157	384818.854	3042039.041	56-04-50.56	47.348	86-07-58.15	18.694	20.000	7.378	30.066	9+689.607	9+704.640	9+719.673	9+708.300
158	384873.046	3042075.483	95-18-7.31	65.305	39-13-16.75	24.941	70.000	4.310	47.918	9+741.344	9+765.303	9+789.262	9+766.284
159	384938.281	3042069.429	158-13-28.33	65.515	63-55-21.02	31.196	50.000	8.934	55.783	9+798.640	9+826.531	9+854.423	9+829.836
160	384974.218	3041974.702	129-41-9.68	101.315	29-32-18.65	14.764	56.000	1.913	28.870	9+909.777	9+924.213	9+938.648	9+924.541



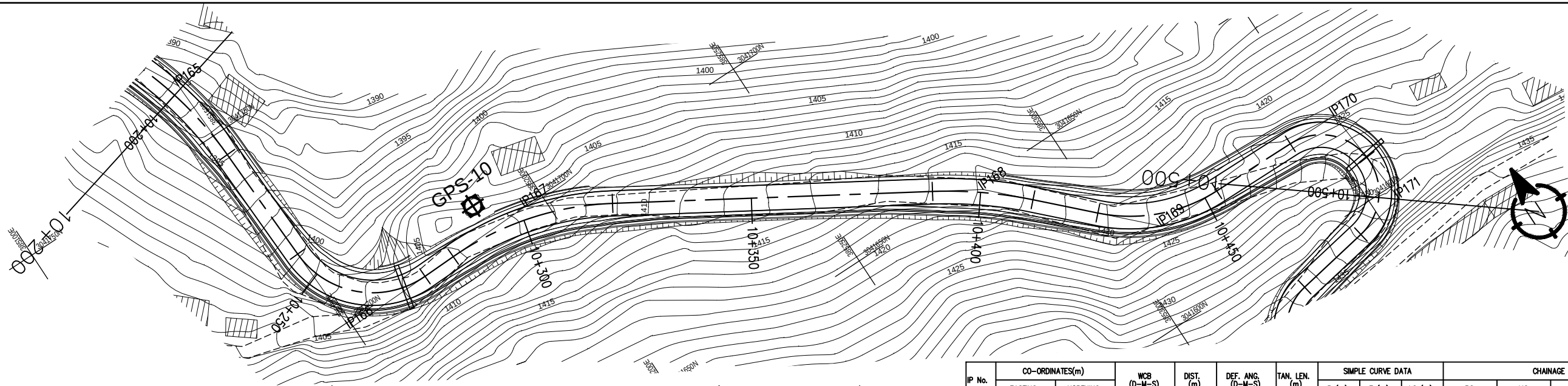
DESIGN LEVEL(m)		1322.560	1323.887	1325.214	1326.541	1327.867	1329.194	1330.521	1331.848	1333.175	1334.501	1335.828	1337.155	1338.482	1339.808	1341.135	1342.462	1343.789	1345.116	1346.442	1347.769	1349.096	1350.423	1351.750	1353.076	1354.403	1355.730	1357.057	1358.364	1359.595	1360.747	1361.821	
EXISTING LEVEL(m)		1321.963	1323.694	1325.401	1326.892	1328.463	1330.175	1331.807	1333.418	1335.045	1336.600	1338.110	1339.184	1340.358	1341.590	1342.556	1343.332	1344.228	1345.362	1346.578	1348.110	1349.663	1351.358	1353.015	1354.640	1356.202	1357.717	1359.017	1360.246	1361.188	1362.083	1362.856	
CHAINAGE(Km)		9+600	9+610	9+620	9+630	9+640	9+650	9+660	9+670	9+680	9+690	9+700	9+710	9+720	9+730	9+740	9+750	9+760	9+770	9+780	9+790	9+800	9+810	9+820	9+830	9+840	9+850	9+860	9+870	9+880	9+890	9+900	
HORIZONTAL ALIGNMENT	RIGHT																																
	LEFT																																
SUPER ELEVATION		9+600	9+610.633	9+629.917	9+648.453	9+675.006	9+690.982	9+718.298	9+724.073	9+736.944	9+742.719	9+787.887	9+800.015	9+853.048	9+858.823	9+900																	
		T	2.5	T		-3.5	T	2.5	T	NC	T	-2.5	T	-2.5	T	NC																	



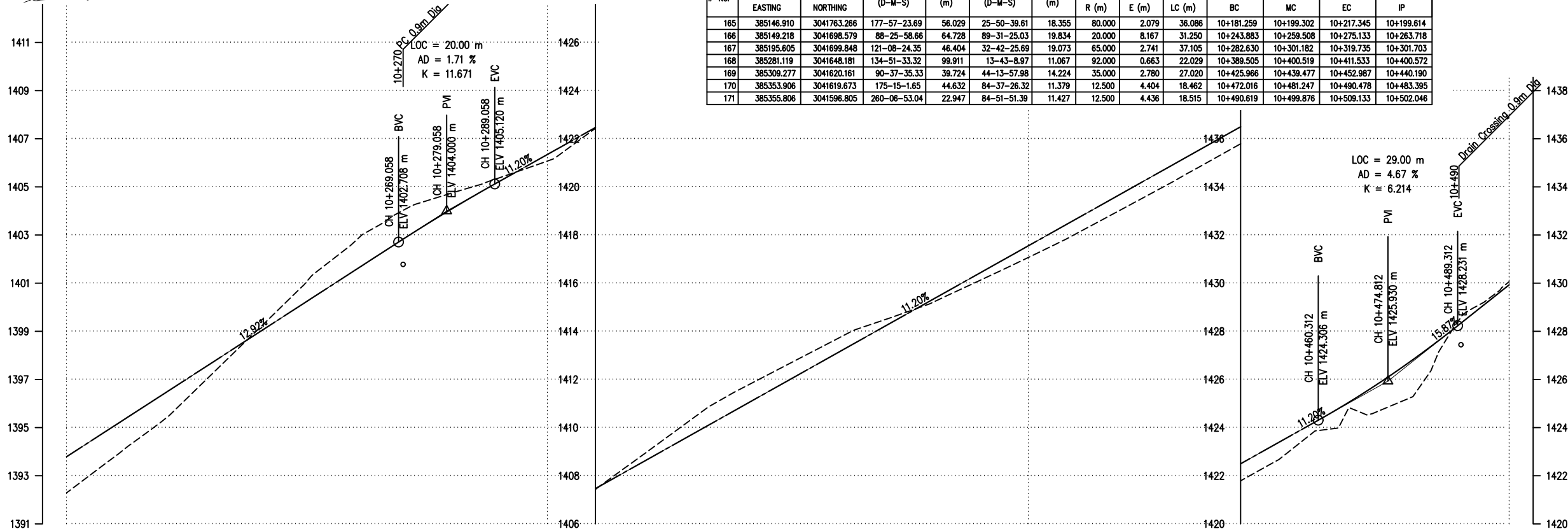
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
160	384974.218	3041974.702	129-41-9.68	101.315	29-32-18.65	14.764	56.000	1.913	28.870	9+909.777	9+924.213	9+938.648	9+924.541
161	385009.871	3041945.117	134-28-29.84	46.329	04-47-20.17	10.454	250.000	0.218	20.896	9+959.760	9+970.208	9+980.655	9+970.214
162	385073.632	3041882.514	150-54-9.49	89.357	16-25-39.65	25.983	180.000	1.866	51.609	10+033.575	10+059.380	10+085.184	10+059.558
163	385098.632	3041837.593	138-20-16.59	51.409	12-33-52.90	11.009	100.000	0.604	21.930	10+099.602	10+110.567	10+121.531	10+110.611
164	385120.703	3041812.788	152-06-44.08	33.203	13-46-27.49	14.494	120.000	0.872	28.849	10+129.231	10+143.655	10+158.080	10+143.725
165	385146.910	3041763.266	177-57-23.69	56.029	25-50-39.61	18.355	80.000	2.079	36.086	10+181.259	10+199.302	10+217.345	10+199.614



DESIGN LEVEL(m)		1361.821	1362.815	1363.750	1364.681	1365.613	1366.544	1367.476	1368.407	1369.339	1370.270	1371.202	1372.133	1373.065	1373.996	1374.928	1375.859	1376.791	1377.722	1378.654	1379.682	1380.873	1382.163	1383.455	1384.747	1386.038	1387.330	1388.622	1389.913	1391.205	1392.497	1393.788		
EXISTING LEVEL(m)		1362.856	1363.710	1364.735	1365.743	1366.519	1367.271	1367.971	1369.437	1370.071	1370.667	1371.227	1372.021	1372.826	1374.012	1375.199	1376.226	1377.206	1378.210	1379.176	1379.979	1380.771	1381.573	1382.875	1384.219	1385.677	1386.988	1387.930	1388.856	1389.857	1390.859	1392.288		
CHAINAGE(Km)		9+900	9+910	9+920	9+930	9+940	9+950	9+960	9+970	9+980	9+990	10+000	10+010	10+020	10+030	10+040	10+050	10+060	10+070	10+080	10+090	10+100	10+110	10+120	10+130	10+140	10+150	10+160	10+170	10+180	10+190	10+200		
HORIZONTAL ALIGNMENT	RIGHT																																	
	LEFT																																	
SUPER ELEVATION		NC	T	5				T				NC	T	-3				T				2.5	T	-2.5				T			-5			

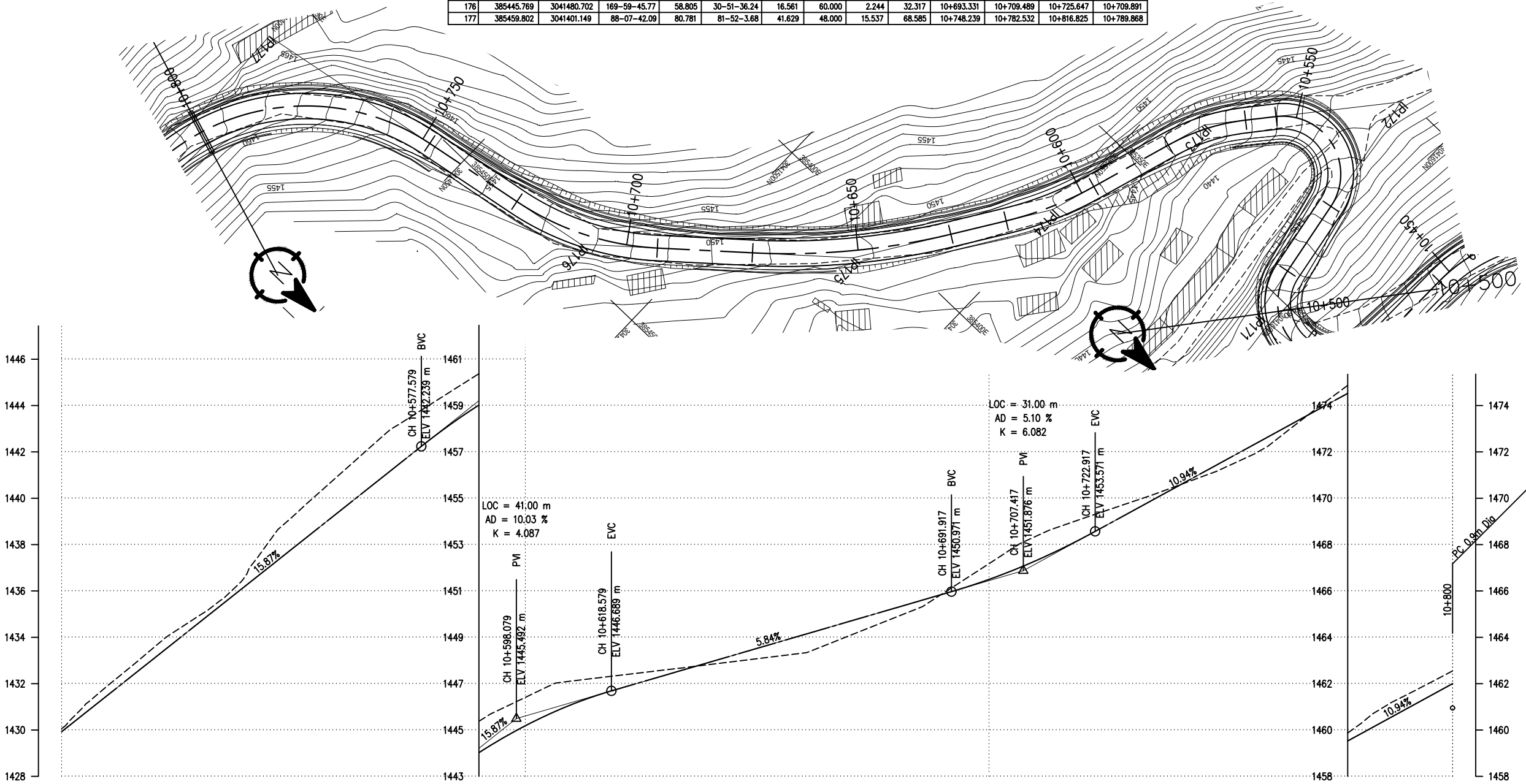


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
165	385146.910	3041763.266	177-57-23.69	56.029	25-50-39.61	18.355	80.000	2.079	36.086	10+181.259	10+199.302	10+217.345	10+199.614
166	385149.218	3041698.579	88-25-58.66	64.728	89-31-25.03	19.834	20.000	8.167	31.250	10+243.883	10+259.508	10+275.133	10+263.718
167	385195.605	3041699.848	121-08-24.35	46.404	32-42-25.69	19.073	65.000	2.741	37.105	10+282.630	10+301.182	10+319.735	10+301.703
168	385281.119	3041648.181	134-51-33.32	99.911	13-43-8.97	11.067	92.000	0.663	22.029	10+389.505	10+400.519	10+411.533	10+400.572
169	385309.277	3041620.161	90-37-35.33	39.724	44-13-57.98	14.224	35.000	2.780	27.020	10+425.966	10+439.477	10+452.987	10+440.190
170	385353.906	3041619.673	175-15-1.65	44.632	84-37-26.32	11.379	12.500	4.404	18.462	10+472.016	10+481.247	10+490.478	10+483.395
171	385355.806	3041596.805	280-06-53.04	22.947	84-51-51.39	11.427	12.500	4.436	18.515	10+490.619	10+499.876	10+509.133	10+502.046

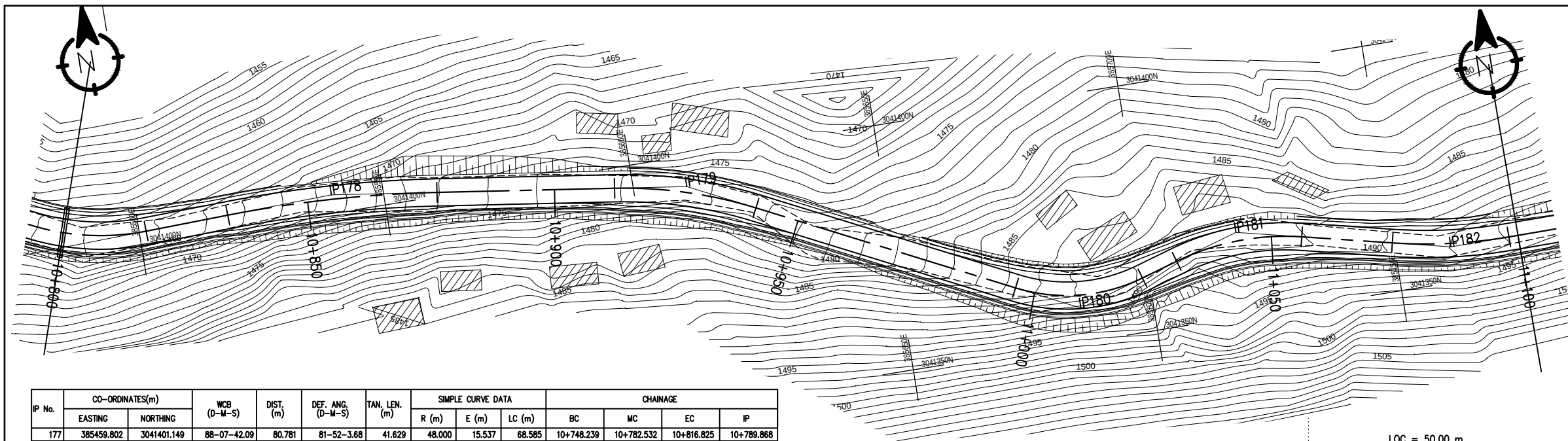


DESIGN LEVEL(m)		1393.788	1395.080	1396.372	1397.663	1398.955	1400.247	1401.538	1402.830	1404.070	1405.226	1406.346	1407.466	1408.587	1409.707	1410.827	1411.948	1413.068	1414.188	1415.308	1416.429	1417.549	1418.669	1419.790	1420.910	1422.030	1423.150	1424.271	1425.467	1426.823	1428.340	1429.927		
EXISTING LEVEL(m)		1392.288	1393.789	1395.285	1397.177	1399.110	1401.076	1402.739	1404.025	1404.737	1405.376	1406.072	1407.434	1408.887	1410.348	1411.587	1412.624	1413.660	1414.470	1415.187	1416.119	1417.065	1418.058	1419.127	1420.204	1421.323	1422.439	1423.870	1424.561	1425.285	1428.586	1430.059		
CHAINAGE(Km)		10+200	10+210	10+220	10+230	10+240	10+250	10+260	10+270	10+280	10+290	10+300	10+310	10+320	10+330	10+340	10+350	10+360	10+370	10+380	10+390	10+400	10+410	10+420	10+430	10+440	10+450	10+460	10+470	10+480	10+490	10+500		
HORIZONTAL ALIGNMENT	RIGHT	IP-165 R=80.00						IP-166 R=20.00				IP-167 R=65.00								IP-168 R=92.00						IP-169 R=35.00				IP-170 R=12.50		IP-171 R=12.50		
	LEFT																																	
SUPER ELEVATION		-5	T			2.5	T			-2.5	T			NC	T			-4.5	T			2.5	T			NC	T			-2.5	T	-2.5		
		10+200	10+212.761			10+245.258				10+273.758	10+284.005			10+318.36	10+324.135			10+379.673	10+392.186			10+408.852		10+427.341		10+451.612	10+457.387		10+467.616	10+473.391		10+489.103	10+491.994	10+500

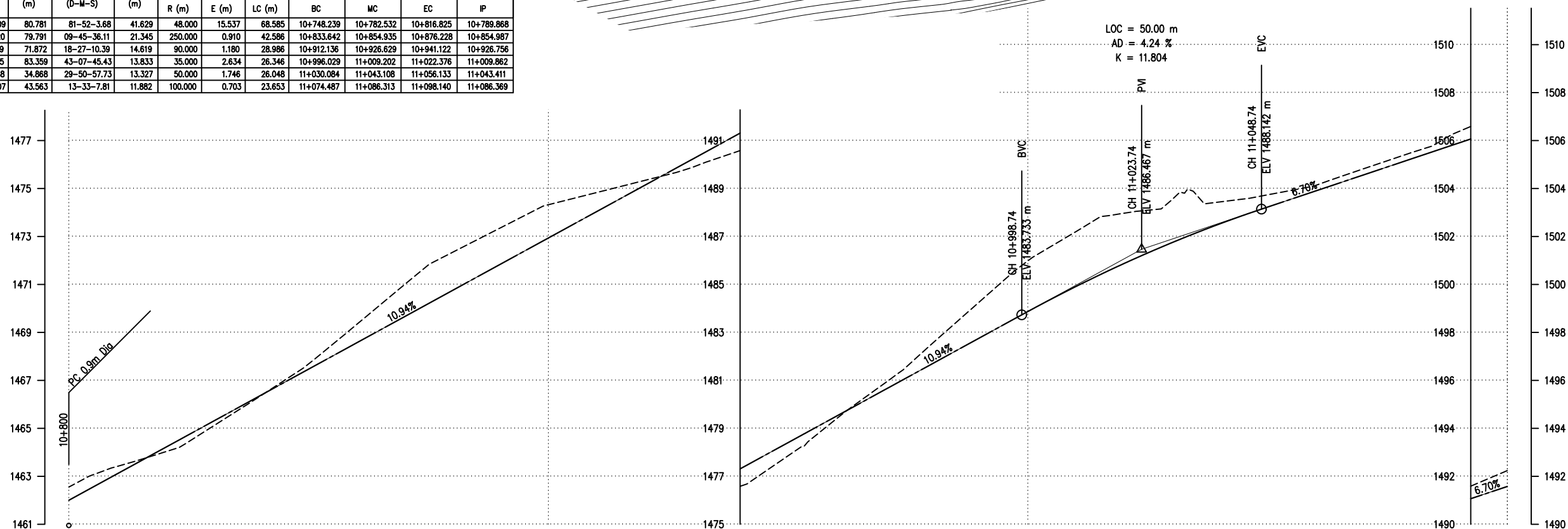
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
171	385355.806	3041596.805	260-06-53.04	22.947	84-51-51.39	11.427	12.500	4.436	18.515	10+490.619	10+499.876	10+509.133	10+502.046
172	385301.262	3041587.300	129-33-56.02	55.366	130-32-57.02	27.145	12.500	17.385	28.481	10+525.927	10+540.168	10+554.409	10+553.072
173	385334.179	3041560.102	107-06-58.50	42.700	22-26-56.52	8.930	45.000	0.878	17.631	10+561.033	10+569.848	10+578.664	10+569.963
174	385370.064	3041549.051	122-40-22.37	37.548	15-33-22.87	10.245	75.000	0.696	20.363	10+597.037	10+607.219	10+617.401	10+607.282
175	385407.295	3041525.174	139-08-9.53	44.230	16-27-47.15	21.700	150.000	1.561	43.100	10+629.686	10+651.236	10+672.786	10+651.386
176	385445.769	3041480.702	169-59-45.77	58.805	30-51-36.24	16.561	60.000	2.244	32.317	10+693.331	10+709.489	10+725.647	10+709.891
177	385459.802	3041401.149	88-07-42.09	80.781	81-52-3.68	41.629	48.000	15.537	68.585	10+748.239	10+782.532	10+816.825	10+789.868



DESIGN LEVEL(m)		1429.927	1431.514	1433.101	1434.688	1436.275	1437.862	1439.449	1441.036	1442.616	1444.021	1445.182	1446.098	1446.772	1447.356	1447.940	1448.524	1449.107	1449.691	1450.275	1450.859	1451.496	1452.295	1453.259	1454.345	1455.439	1456.532	1457.626	1458.720	1459.813	1460.907	1462.000
EXISTING LEVEL(m)		1430.059	1431.925	1433.579	1434.978	1436.753	1439.238	1441.035	1442.811	1444.109	1445.375	1446.406	1447.113	1447.352	1447.590	1447.832	1448.077	1448.322	1449.078	1449.873	1450.883	1452.173	1453.347	1454.109	1454.787	1455.492	1456.245	1457.223	1458.772	1460.245	1461.508	1462.551
CHAINAGE(Km)		10+500	10+510	10+520	10+530	10+540	10+550	10+560	10+570	10+580	10+590	10+600	10+610	10+620	10+630	10+640	10+650	10+660	10+670	10+680	10+690	10+700	10+710	10+720	10+730	10+740	10+750	10+760	10+770	10+780	10+790	10+800
HORIZONTAL ALIGNMENT	RIGHT	IP-171 R=12.50				IP-172 R=12.50		IP-173 R=45.00				IP-174 R=75.00				IP-175 R=150.00						IP-176 R=60.00								IP-177 R=48.00		
	LEFT																															
SUPER ELEVATION		10+500	-2.5	T	2.5	T	2.5	T	2.5	T	-3	T	-2.5	T	-5.5	T	-5.5	T	2.5													10+800

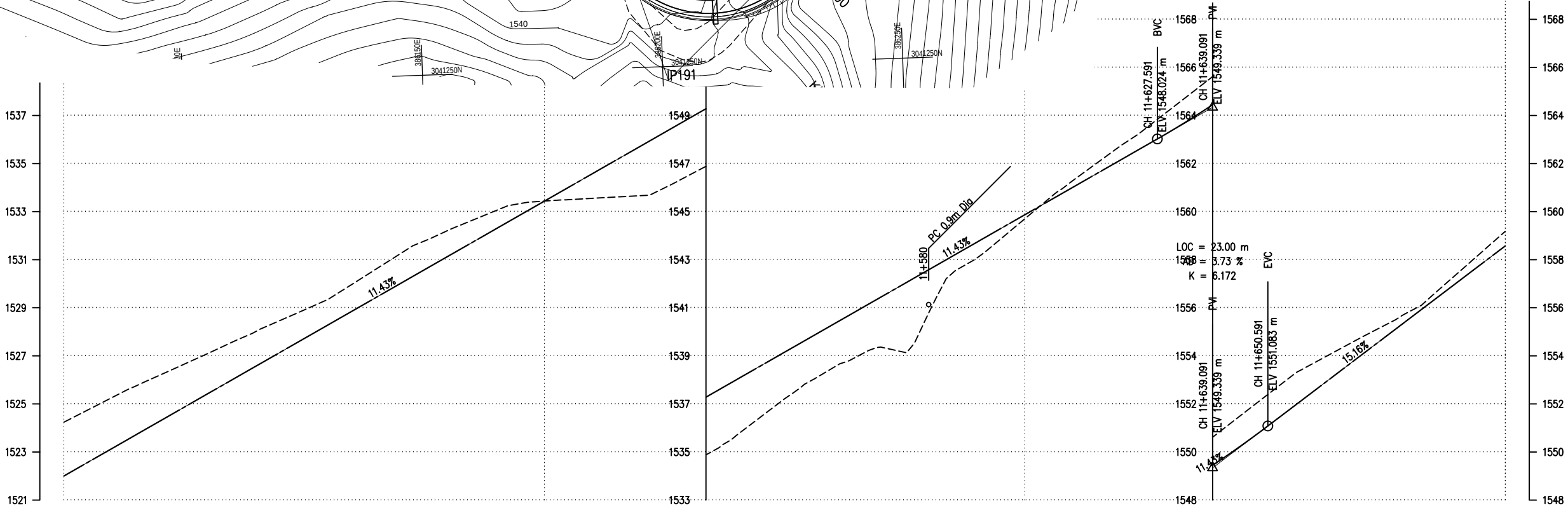
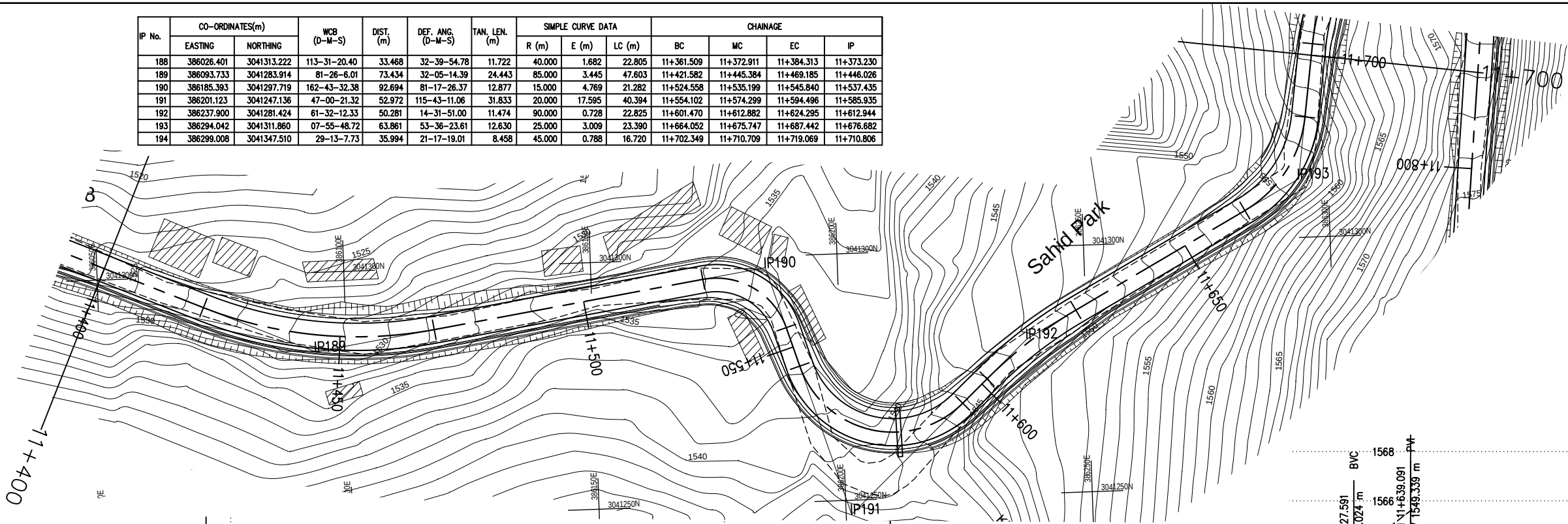


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
177	385459.802	3041401.149	88-07-42.09	80.781	81-52-3.68	41.629	48.000	15.537	68.585	10+748.239	10+782.532	10+816.825	10+789.868
178	385539.550	3041403.755	97-53-18.20	79.791	09-45-36.11	21.345	250.000	0.910	42.586	10+833.642	10+854.935	10+876.228	10+854.987
179	385610.742	3041393.891	116-20-28.59	71.872	18-27-10.39	14.619	90.000	1.180	28.986	10+912.136	10+926.629	10+941.122	10+926.756
180	385685.446	3041356.903	73-12-43.15	83.359	43-07-45.43	13.833	35.000	2.634	26.346	10+996.029	11+009.202	11+022.376	11+009.862
181	385718.828	3041366.974	103-03-40.88	34.868	29-50-57.73	13.327	50.000	1.746	26.048	11+030.084	11+043.108	11+056.133	11+043.411
182	385761.264	3041357.129	89-30-33.07	43.563	13-33-7.81	11.882	100.000	0.703	23.653	11+074.487	11+086.313	11+098.140	11+086.369

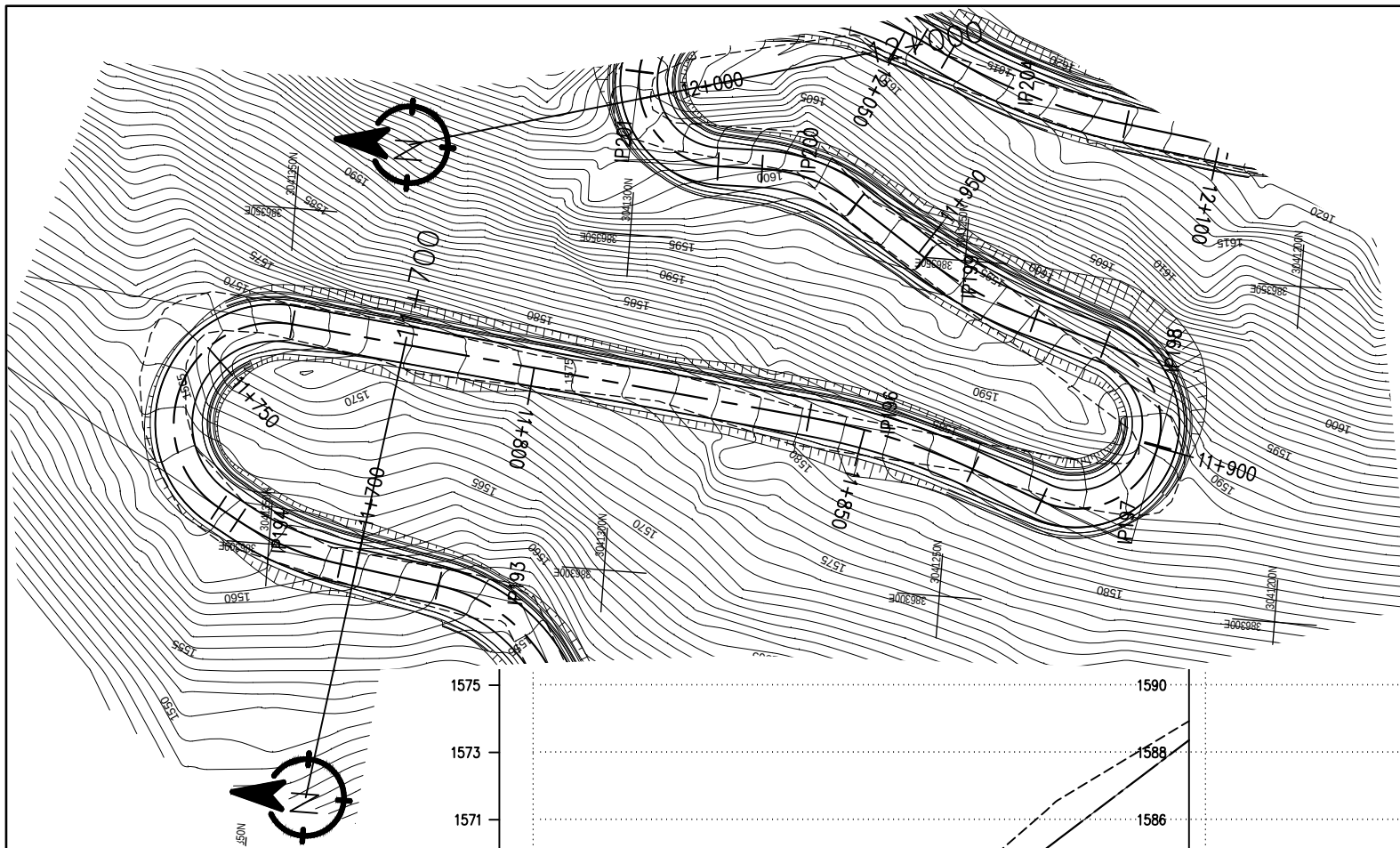


DESIGN LEVEL(m)		1462.000	1463.094	1464.187	1465.281	1466.374	1467.468	1468.561	1469.655	1470.749	1471.842	1472.936	1474.029	1475.123	1476.216	1477.310	1478.403	1479.497	1480.590	1481.684	1482.778	1483.870	1484.911	1485.867	1486.738	1487.524	1488.227	1488.896	1489.566	1490.236	1490.906	1491.576
EXISTING LEVEL(m)		1462.551	1463.408	1464.013	1465.078	1466.353	1467.685	1469.326	1470.992	1472.337	1473.358	1474.324	1474.828	1475.333	1475.881	1476.581	1477.854	1479.382	1480.859	1482.525	1484.290	1485.983	1487.197	1487.969	1488.520	1488.440	1488.738	1489.128	1489.822	1490.497	1491.386	1492.238
CHAINAGE(Km)		10+800	10+810	10+820	10+830	10+840	10+850	10+860	10+870	10+880	10+890	10+900	10+910	10+920	10+930	10+940	10+950	10+960	10+970	10+980	10+990	11+000	11+010	11+020	11+030	11+040	11+050	11+060	11+070	11+080	11+090	11+100
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION		10+800	10+815.45																													

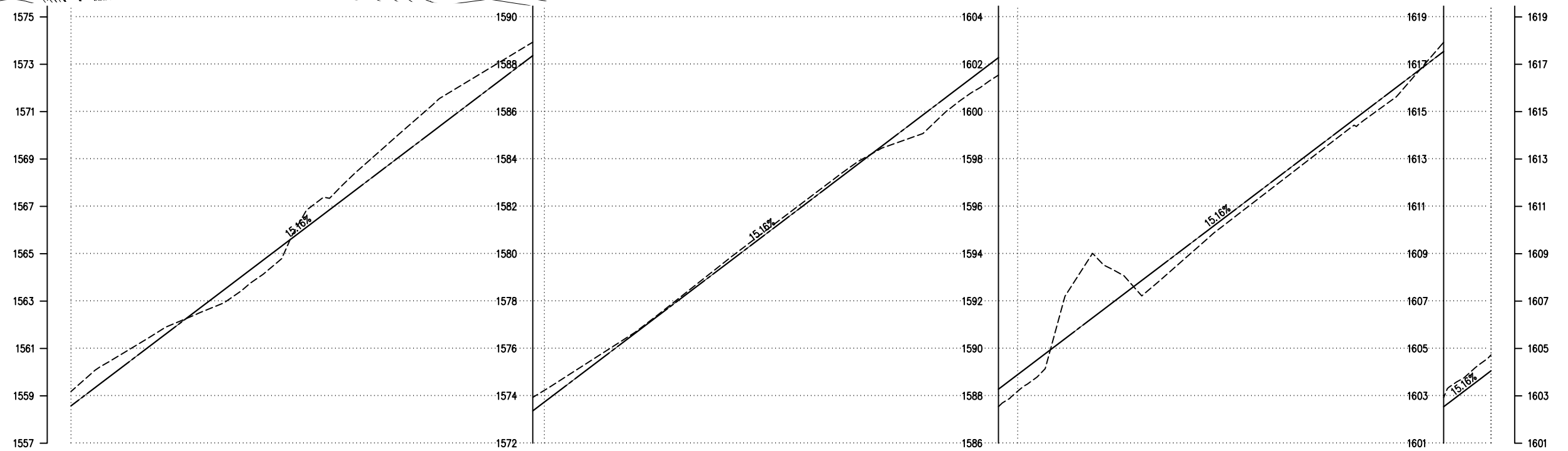
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
188	386026.401	3041313.222	113-31-20.40	33.468	32-39-54.78	11.722	40.000	1.682	22.805	11+361.509	11+372.911	11+384.313	11+373.230
189	386093.733	3041283.914	81-26-6.01	73.434	32-05-14.39	24.443	85.000	3.445	47.603	11+421.582	11+445.384	11+469.185	11+446.028
190	386185.393	3041297.719	162-43-32.38	92.694	81-17-26.37	12.877	15.000	4.769	21.282	11+524.558	11+535.199	11+545.840	11+537.435
191	386201.123	3041247.136	47-00-21.32	52.972	115-43-11.06	31.833	20.000	17.595	40.394	11+554.102	11+574.299	11+594.496	11+585.935
192	386237.900	3041281.424	61-32-12.33	50.281	14-31-51.00	11.474	90.000	0.728	22.825	11+601.470	11+612.882	11+624.295	11+612.944
193	386294.042	3041311.860	07-55-48.72	63.861	53-36-23.61	12.630	25.000	3.009	23.390	11+664.052	11+675.747	11+687.442	11+676.682
194	386299.008	3041347.510	29-13-7.73	35.994	21-17-19.01	8.458	45.000	0.788	16.720	11+702.349	11+710.709	11+719.069	11+710.806



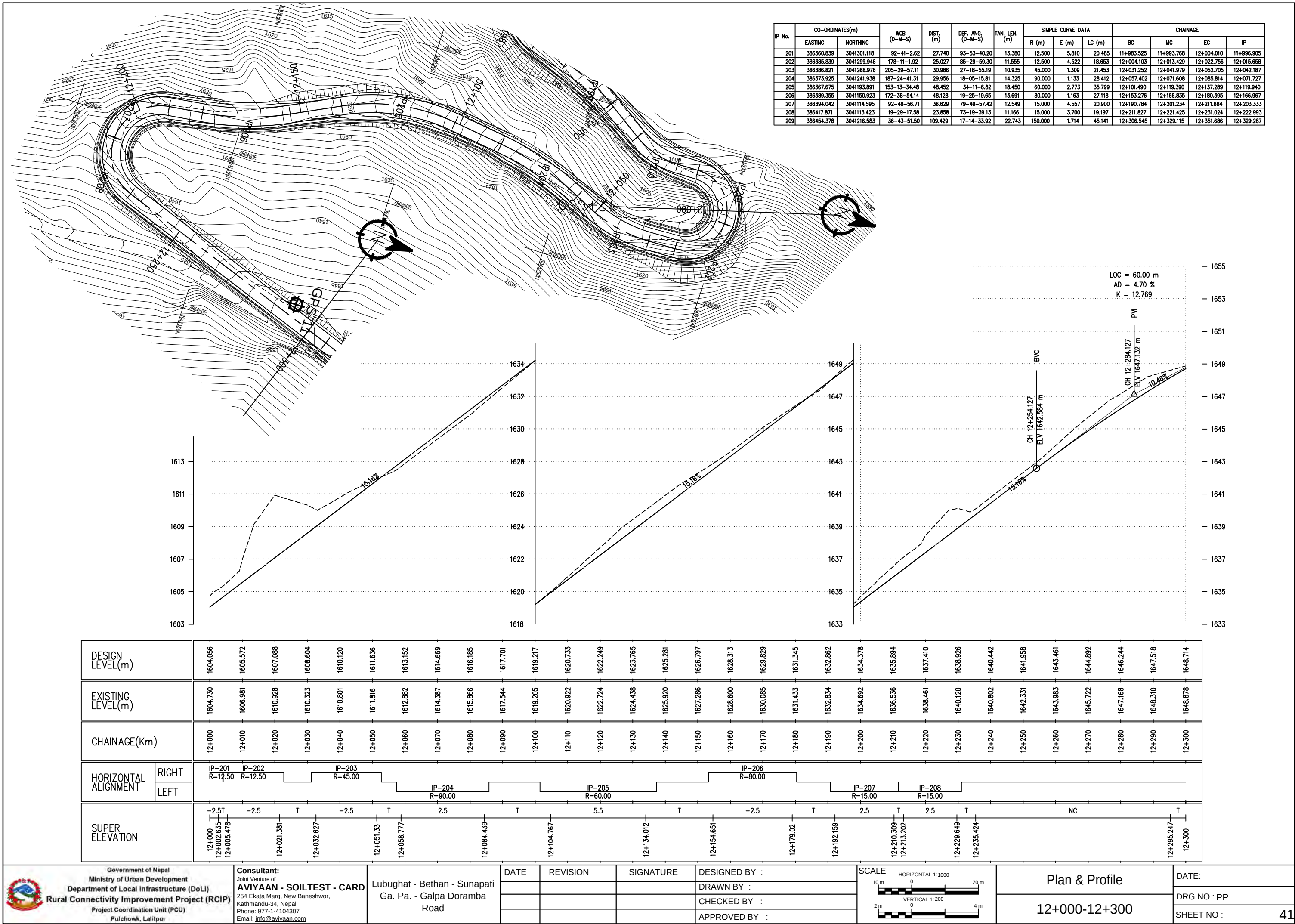
DESIGN LEVEL(m)		1522.001																																1523.144																																1524.288																																1525.431																																1526.574																																1527.718																																1528.861																																1530.005																																1531.148																																1532.292																																1533.435																																1534.579																																1535.722																																1536.865																																1538.009																																1539.152																																1540.296																																1541.439																																1542.583																																1543.726																																1544.869																																1546.013																																1547.156																																1548.304																																1549.568																																1550.993																																1552.509																																1554.025																																1555.541																																1557.057																																1558.574																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						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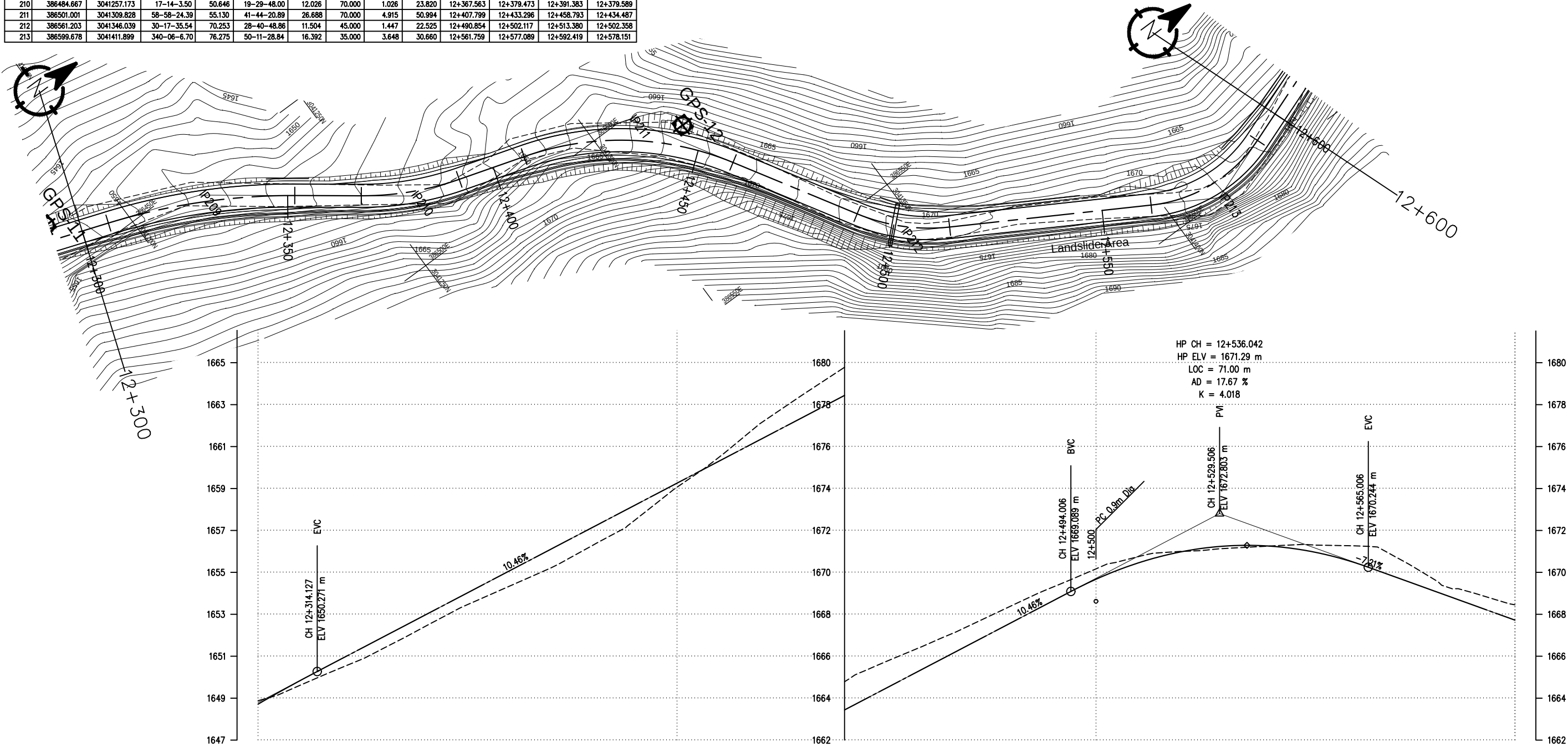
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
194	386299.008	3041347.510	29-13-7.73	35.994	21-17-19.01	8.458	45.000	0.788	16.720	11+702.349	11+710.709	11+719.069	11+710.806
195	386340.085	3041420.952	185-46-11.03	84.149	156-33-3.30	72.276	15.000	58.816	40.985	11+722.484	11+742.976	11+763.469	11+794.760
196	386323.677	3041258.565	200-26-23.33	163.214	14-40-12.30	12.872	100.000	0.825	25.604	11+841.534	11+854.336	11+867.138	11+854.406
197	386310.097	3041222.127	100-49-46.23	38.886	99-36-37.10	14.794	12.500	6.868	21.732	11+878.357	11+889.223	11+900.089	11+893.152
198	386336.125	3041217.148	15-30-6.16	26.500	85-19-40.06	11.520	12.500	4.499	18.616	11+900.274	11+909.582	11+918.890	11+911.794
199	386344.725	3041248.155	33-30-7.33	32.178	18-00-1.17	9.503	60.000	0.748	18.850	11+930.044	11+939.469	11+948.894	11+939.547
200	386361.425	3041273.384	358-47-22.42	30.255	34-42-44.91	7.814	25.000	1.193	15.146	11+961.833	11+969.406	11+976.979	11+969.646
201	386360.839	3041301.118	92-41-2.62	27.740	93-53-40.20	13.380	12.500	5.810	20.485	11+983.525	11+993.768	12+004.010	11+996.905



DESIGN LEVEL(m)		1558.574	1560.090	1561.606	1563.122	1564.638	1566.154	1567.670	1569.186	1570.702	1572.218	1573.734	1575.250	1576.767	1578.283	1579.799	1581.315	1582.831	1584.347	1585.863	1587.379	1588.895	1590.411	1591.927	1593.443	1594.959	1596.476	1597.992	1599.508	1601.024	1602.540	1604.056				
EXISTING LEVEL(m)		1559.180	1560.676	1561.898	1562.736	1564.049	1566.874	1568.404	1570.171	1571.813	1573.020	1574.229	1575.505	1576.807	1578.368	1579.946	1581.464	1582.973	1584.312	1585.076	1586.769	1588.193	1592.205	1593.343	1592.861	1594.617	1596.194	1597.734	1599.270	1600.625	1602.928	1604.730				
CHAINAGE(Km)		11+700	11+710	11+720	11+730	11+740	11+750	11+760	11+770	11+780	11+790	11+800	11+810	11+820	11+830	11+840	11+850	11+860	11+870	11+880	11+890	11+900	11+910	11+920	11+930	11+940	11+950	11+960	11+970	11+980	11+990	12+000				
HORIZONTAL ALIGNMENT	RIGHT	IP-194 R=45.00		IP-195 R=15.00										IP-196 R=100.00						IP-197 R=12.50		IP-198 R=12.50		IP-199 R=60.00				IP-200 R=25.00		IP-201 R=12.50						
	LEFT																																			
SUPER ELEVATION		T 11+700 11+703.724	-2.5	T 11+717.694 11+723.859	-2.5		T 11+762.094 11+767.869		NC				T 11+835.484 11+842.909		-2.5		T 11+865.763 11+879.732		2.5		T 11+898.714 11+901.649		2.5		T 11+917.515 11+931.419		-2.5		T 11+947.519 11+963.208		2.5		T 11+975.604 11+984.9		-2.5	

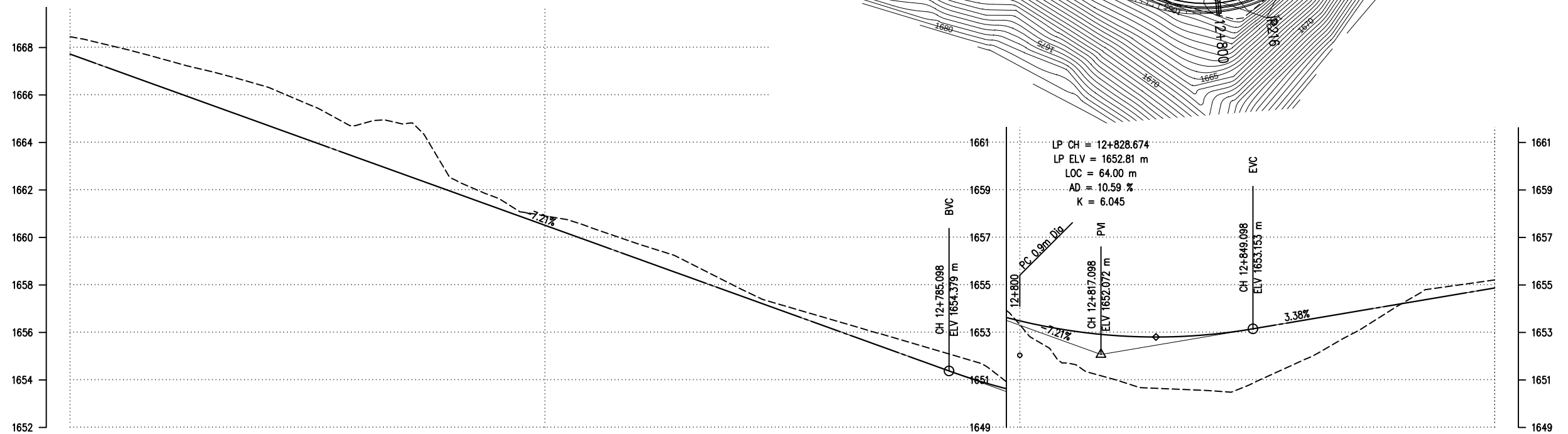


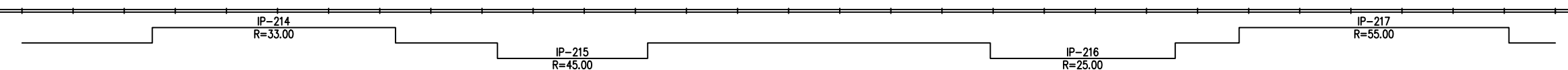
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
209	386454.378	3041216.583	36-43-51.50	109.429	17-14-33.92	22.743	150.000	1.714	45.141	12+306.545	12+329.115	12+351.686	12+329.287
210	386484.667	3041257.173	17-14-3.50	50.646	19-29-48.00	12.026	70.000	1.026	23.820	12+367.563	12+379.473	12+391.383	12+379.589
211	386501.001	3041309.828	58-58-24.39	55.130	41-44-20.89	26.688	70.000	4.915	50.994	12+407.799	12+433.296	12+458.793	12+434.487
212	386561.203	3041346.039	30-17-35.54	70.253	28-40-48.86	11.504	45.000	1.447	22.525	12+490.854	12+502.117	12+513.380	12+502.358
213	386599.678	3041411.899	340-06-6.70	76.275	50-11-28.84	16.392	35.000	3.648	30.660	12+561.759	12+577.089	12+592.419	12+578.151



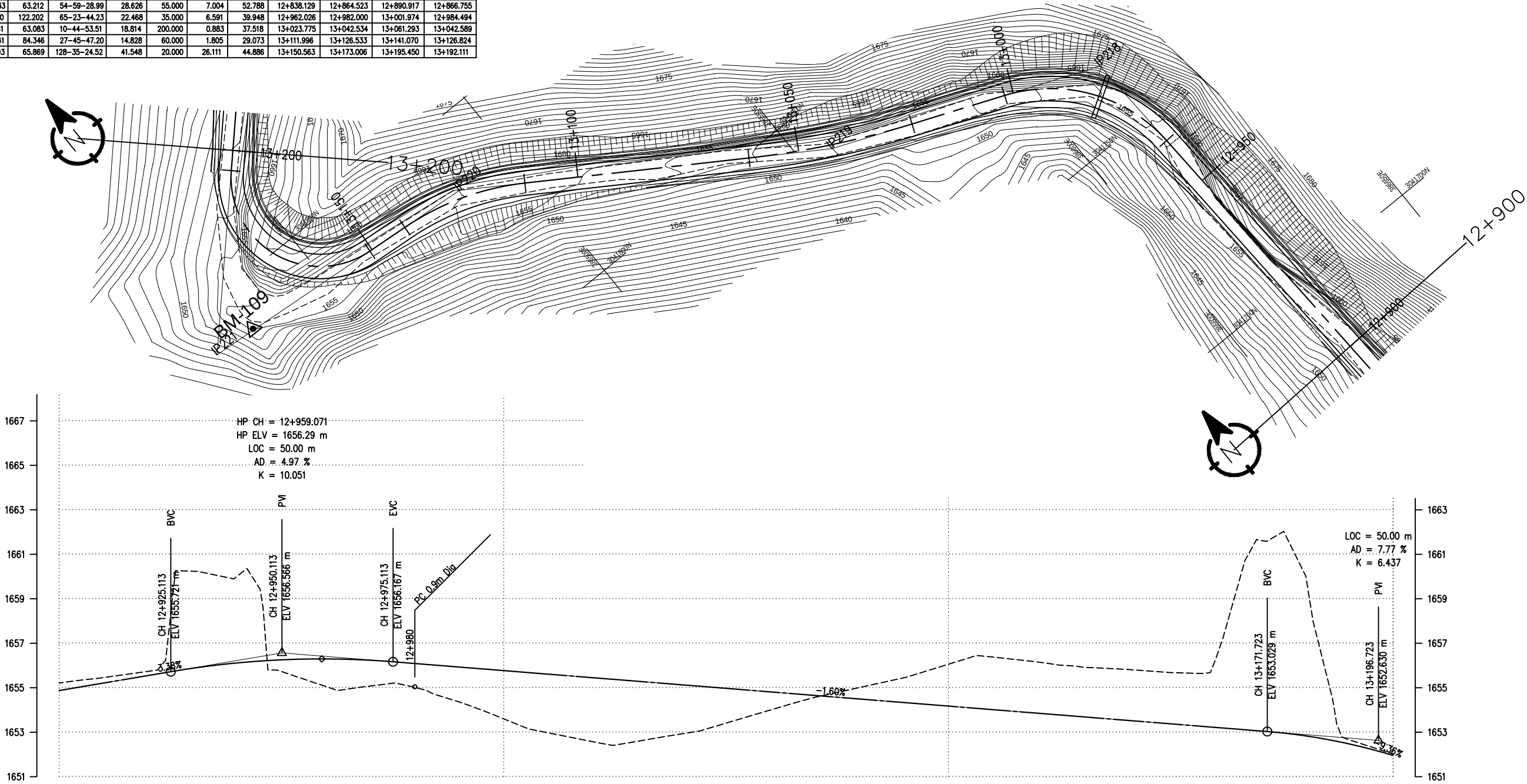
DESIGN LEVEL(m)		1648.714	1649.832	1650.885	1651.931	1652.977	1654.024	1655.070	1656.116	1657.162	1658.208	1659.254	1660.301	1661.347	1662.393	1663.439	1664.485	1665.532	1666.578	1667.624	1668.670	1669.672	1670.444	1670.968	1671.243	1671.269	1671.046	1670.574	1669.884	1669.163	1668.443	1667.722								
EXISTING LEVEL(m)		1648.878	1649.611	1650.463	1651.383	1652.434	1653.461	1654.340	1655.221	1656.302	1657.498	1659.061	1660.487	1662.120	1663.473	1664.782	1665.756	1666.594	1667.481	1668.424	1669.321	1670.166	1670.747	1670.997	1671.131	1671.240	1671.330	1671.272	1670.904	1669.753	1669.025	1668.453								
CHAINAGE(Km)		12+300	12+310	12+320	12+330	12+340	12+350	12+360	12+370	12+380	12+390	12+400	12+410	12+420	12+430	12+440	12+450	12+460	12+470	12+480	12+490	12+500	12+510	12+520	12+530	12+540	12+550	12+560	12+570	12+580	12+590	12+600								
HORIZONTAL ALIGNMENT	RIGHT																																							
	LEFT																																							
SUPER ELEVATION		12+300	12+309.272	-3.5			12+348.959	T		12+368.938	2.5		12+390.008	T		12+411.007	-5		12+455.585	T		12+496.354	6		12+507.88	T		12+531.255	NC		12+542.967	T		12+567.717	6.5		12+586.461	T		12+600

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
213	386599.678	3041411.899	340-06-6.70	76.275	50-11-28.84	16.392	35.000	3.648	30.660	12+561.759	12+577.089	12+592.419	12+578.154
214	3041855.972	3041485.681	62-42-42.63	78.467	82-36-35.93	28.996	33.000	10.929	47.580	12+625.497	12+649.287	12+673.077	12+654.494
215	386630.005	3041515.103	25-17-14.74	64.175	37-25-27.89	15.242	45.000	2.511	29.393	12+693.013	12+707.710	12+722.406	12+708.256
216	386674.591	3041609.479	307-21-7.34	104.378	82-56-7.41	22.093	25.000	8.363	36.187	12+789.449	12+807.543	12+825.636	12+811.542
217	386621.91	3041643.305	352-20-36.33	63.212	54-59-28.99	28.626	55.000	7.004	52.788	12+838.129	12+864.523	12+890.917	12+866.755



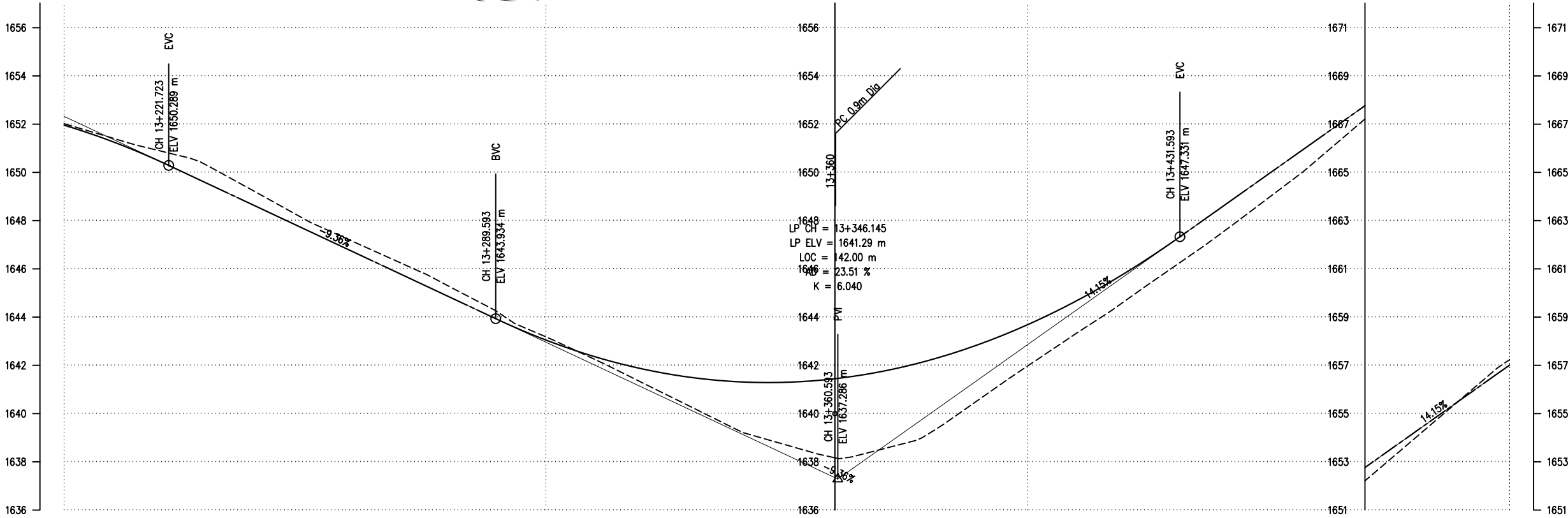
DESIGN LEVEL(m)		EXISTING LEVEL(m)	CHAINAGE(Km)	HORIZONTAL ALIGNMENT		SUPER ELEVATION
RIGHT	LEFT					
1667.722	1668.453	12+600			12+600	
1667.001	1668.009	12+610			T	
1666.280	1667.484	12+620	-6.5		12+629.966	
1665.559	1666.975	12+630				
1664.838	1666.424	12+640				
1664.117	1665.624	12+650				
1663.397	1664.706	12+660				
1662.676	1664.779	12+670				
1661.955	1662.520	12+680				
1661.234	1661.663	12+690				
1660.513	1660.909	12+700	2.5			
1659.792	1660.390	12+710				
1659.071	1659.702	12+720				
1658.350	1659.968	12+730				
1657.630	1657.957	12+740				
1656.909	1657.147	12+750				
1656.188	1656.562	12+760				
1655.467	1655.976	12+770				
1654.746	1655.394	12+780				
1654.045	1654.805	12+790				
1653.488	1653.335	12+800	3.5			
1653.097	1651.715	12+810				
1652.870	1651.017	12+820				
1652.810	1650.636	12+830				
1652.914	1650.549	12+840				
1653.184	1650.952	12+850				
1653.521	1651.862	12+860	-2.5			
1653.859	1652.942	12+870				
1654.197	1654.162	12+880				
1654.535	1654.930	12+890				
1654.873	1655.212	12+900				

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
217	386621.191	3041643.305	357-20-36.33	63.212	54-59-28.99	28.626	55.000	7.004	52.788	12+838.129	12+864.523	12+890.917	12+866.755
218	386615.527	3041765.376	291-56-52.10	122.202	65-23-44.23	22.468	35.000	6.591	38.948	12+962.026	12+982.000	13+001.974	12+984.494
219	386557.016	3041788.954	302-41-45.61	63.083	10-44-53.51	18.814	200.000	0.883	37.518	13+023.775	13+042.534	13+061.293	13+042.589
220	386486.035	3041834.516	274-55-58.41	84.346	27-45-47.20	14.828	60.000	1.805	29.073	13+111.996	13+126.533	13+141.070	13+126.824
221	386420.410	3041840.180	43-31-22.93	65.869	128-35-24.52	41.548	20.000	26.111	44.886	13+150.563	13+173.006	13+195.450	13+192.111

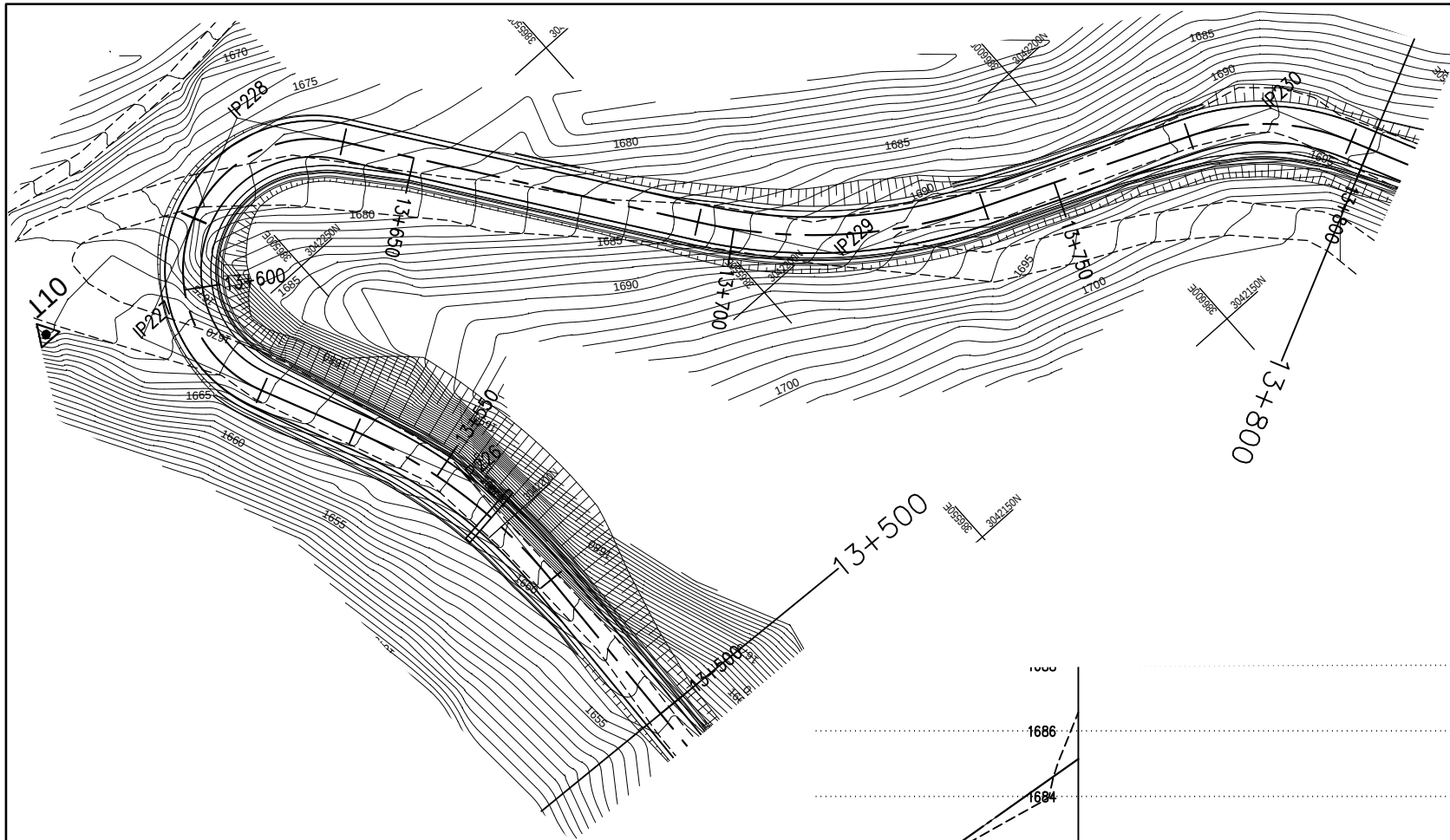


DESIGN LEVEL(m)		1654.873	1655.211	1655.548	1655.874	1656.114	1656.254	1656.294	1656.235	1656.089	1655.929	1655.770	1655.610	1655.450	1655.291	1655.131	1654.972	1654.812	1654.652	1654.493	1654.333	1654.174	1654.014	1653.854	1653.695	1653.535	1653.376	1653.216	1653.056	1652.844	1652.478	1651.957
EXISTING LEVEL(m)		1655.212	1655.458	1655.737	1660.238	1660.006	1655.730	1655.054	1655.076	1655.017	1654.358	1653.598	1652.971	1652.574	1652.588	1652.925	1653.409	1654.001	1654.570	1655.009	1655.448	1656.057	1656.380	1656.161	1655.931	1655.826	1655.679	1656.224	1661.632	1660.168	1652.667	1652.021
CHAINAGE(Km)		12+900	12+910	12+920	12+930	12+940	12+950	12+960	12+970	12+980	12+990	13+000	13+010	13+020	13+030	13+040	13+050	13+060	13+070	13+080	13+090	13+100	13+110	13+120	13+130	13+140	13+150	13+160	13+170	13+180	13+190	13+200
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION																																

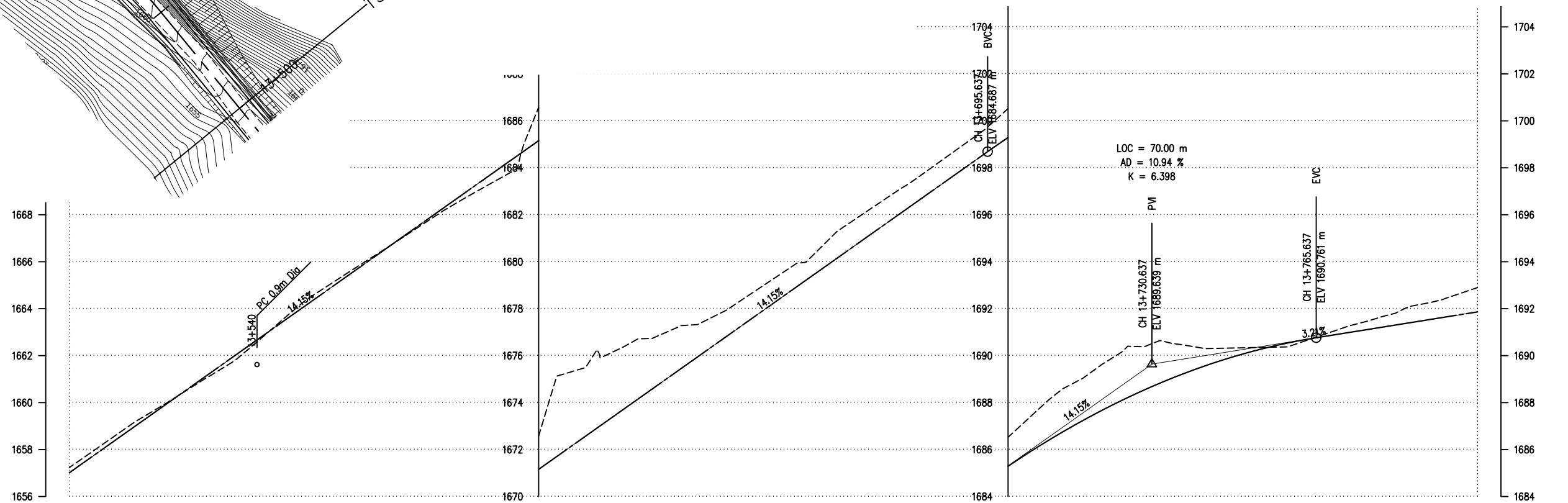
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
221	386420.410	3041840.180	43-31-22.93	65.869	128-35-24.52	41.548	20.000	26.111	44.886	13+150.563	13+173.006	13+195.450	13+192.111
222	386468.075	3041890.368	20-11-51.38	69.216	23-19-31.55	12.385	60.000	1.265	24.426	13+210.733	13+222.946	13+235.159	13+223.117
223	386489.798	3041949.417	08-39-5.94	62.918	11-32-45.44	15.165	150.000	0.765	30.227	13+270.527	13+285.641	13+300.754	13+285.692
224	386501.855	3042028.657	353-06-57.60	80.152	15-32-8.34	10.504	77.000	0.713	20.878	13+355.238	13+365.677	13+376.116	13+365.742
225	386492.871	3042103.071	02-27-19.88	74.954	09-20-22.29	20.421	250.000	0.833	40.751	13+420.146	13+440.522	13+460.897	13+440.567
226	386497.380	3042208.217	335-18-25.55	105.243	27-08-54.33	19.316	80.000	2.299	37.906	13+526.403	13+545.356	13+564.310	13+545.719



DESIGN LEVEL(m)		1651.957	1651.280	1650.448	1649.514	1648.578	1647.641	1646.705	1645.769	1644.832	1643.896	1643.049	1642.368	1641.852	1641.502	1641.318	1641.299	1641.445	1641.758	1642.235	1642.879	1643.688	1644.662	1645.802	1647.108	1648.520	1649.935	1651.350	1652.765	1654.179	1655.594	1657.009
EXISTING LEVEL(m)		1652.021	1651.428	1650.889	1650.255	1649.161	1648.050	1647.132	1646.234	1645.264	1644.207	1643.183	1642.260	1641.281	1640.290	1639.299	1638.691	1638.164	1638.537	1639.233	1640.598	1641.975	1643.316	1644.644	1646.041	1647.451	1648.947	1650.510	1652.213	1653.915	1655.617	1657.233
CHAINAGE(Km)		13+200	13+210	13+220	13+230	13+240	13+250	13+260	13+270	13+280	13+290	13+300	13+310	13+320	13+330	13+340	13+350	13+360	13+370	13+380	13+390	13+400	13+410	13+420	13+430	13+440	13+450	13+460	13+470	13+480	13+490	13+500
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION																																

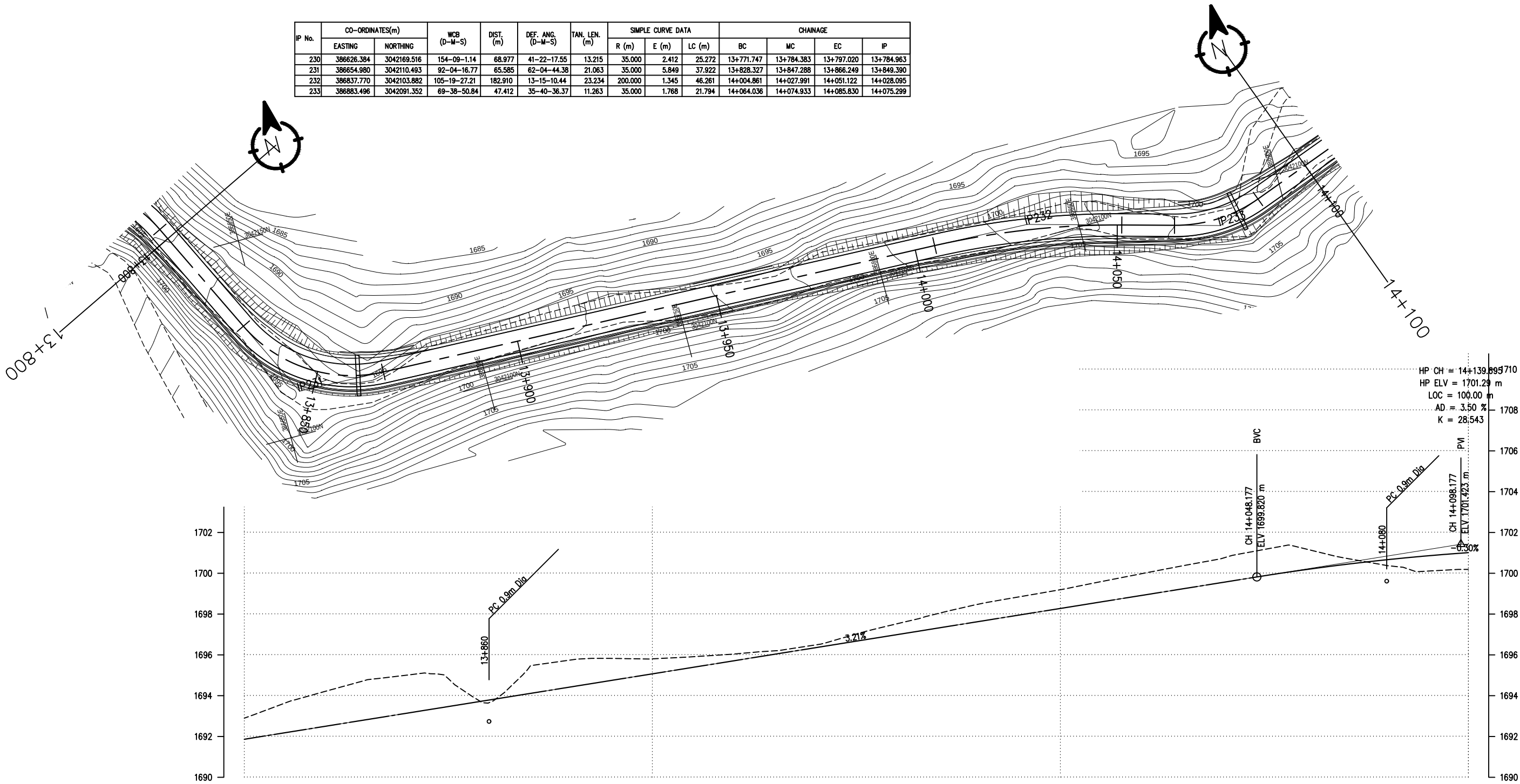


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
226	386497.380	3042208.217	335-18-25.55	105.243	27-08-54.33	19.316	80.000	2.299	37.906	13+526.403	13+545.356	13+564.310	13+545.719
227	386474.511	3042257.954	65-04-29.65	54.743	89-46-4.10	19.919	20.000	8.227	31.335	13+579.817	13+595.485	13+611.152	13+599.736
228	386507.714	3042273.384	144-28-59.99	36.613	79-24-30.33	16.607	20.000	5.996	27.719	13+611.239	13+625.099	13+638.958	13+627.846
229	386562.787	3042196.222	112-46-43.59	94.800	31-42-16.39	22.717	80.000	3.163	44.268	13+694.435	13+716.569	13+738.703	13+717.151
230	386626.384	3042169.516	154-09-1.14	68.977	41-22-17.55	13.215	35.000	2.412	25.272	13+771.747	13+784.383	13+797.020	13+784.963



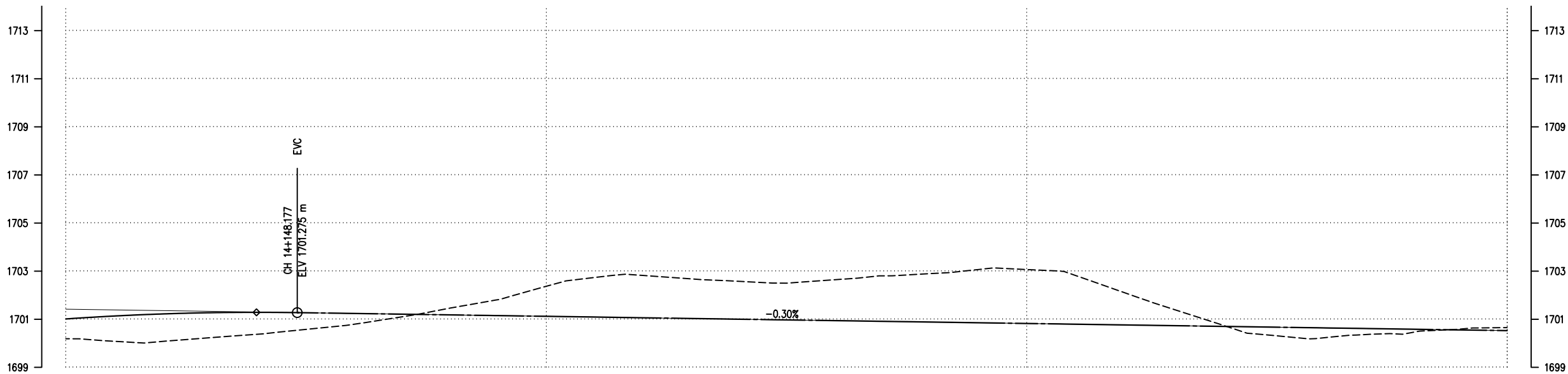
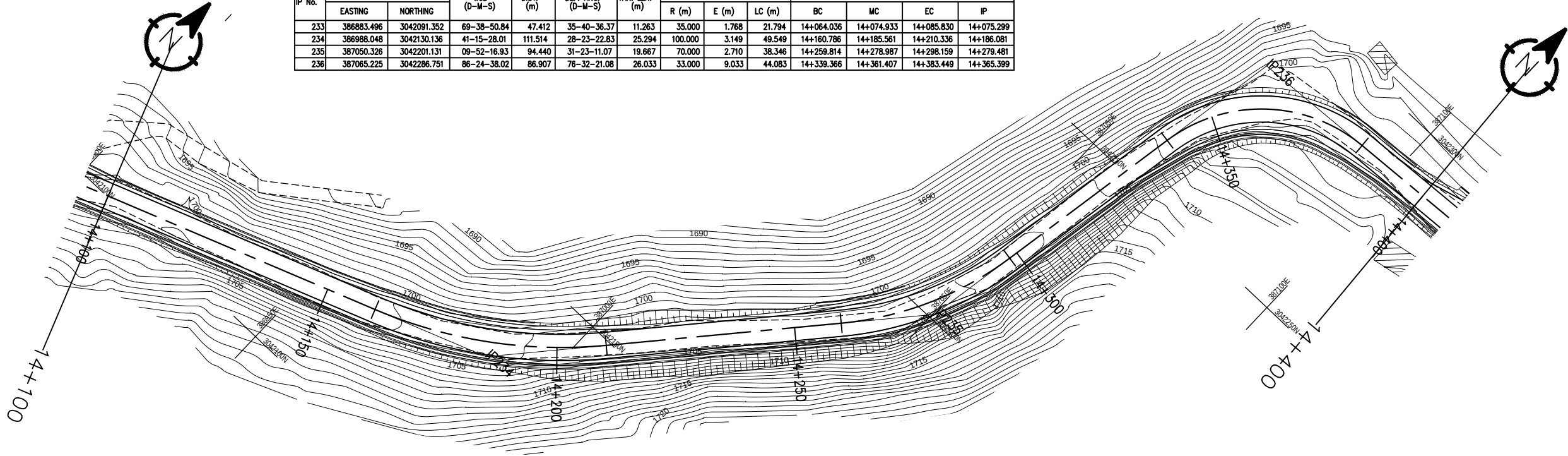
DESIGN LEVEL(m)		1657.009 1658.424 1659.839 1661.253 1662.668 1664.083 1665.498 1666.912 1668.327 1669.742 1671.157 1672.572 1673.986 1675.401 1676.816 1678.231 1679.645 1681.060 1682.475 1683.890 1685.290 1686.558 1687.670 1688.626 1689.425 1690.069 1690.556 1690.901 1691.222 1691.542 1691.863																															
EXISTING LEVEL(m)		1657.233 1658.621 1659.894 1661.143 1662.581 1664.301 1665.614 1666.898 1668.207 1669.354 1672.578 1675.492 1676.585 1677.240 1677.937 1679.269 1680.584 1682.156 1683.479 1684.909 1686.523 1688.329 1689.627 1690.459 1690.367 1690.333 1690.406 1691.086 1691.678 1692.264 1692.898																															
CHAINAGE(Km)		13+500 13+510 13+520 13+530 13+540 13+550 13+560 13+570 13+580 13+590 13+600 13+610 13+620 13+630 13+640 13+650 13+660 13+670 13+680 13+690 13+700 13+710 13+720 13+730 13+740 13+750 13+760 13+770 13+780 13+790 13+800																															
HORIZONTAL ALIGNMENT	RIGHT																																
	LEFT																																
SUPER ELEVATION																																	

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
230	386626.384	3042169.516	154-09-1.14	68.977	41-22-17.55	13.215	35.000	2.412	25.272	13+771.747	13+784.383	13+797.020	13+784.963
231	386654.980	3042110.493	92-04-16.77	65.585	62-04-44.38	21.063	35.000	5.849	37.922	13+828.327	13+847.288	13+866.249	13+849.390
232	386837.770	3042103.882	105-19-27.21	182.910	13-15-10.44	23.234	200.000	1.345	46.261	14+004.861	14+027.991	14+051.122	14+028.095
233	386883.496	3042091.352	69-38-50.84	47.412	35-40-36.37	11.263	35.000	1.768	21.794	14+064.036	14+074.933	14+085.630	14+075.299

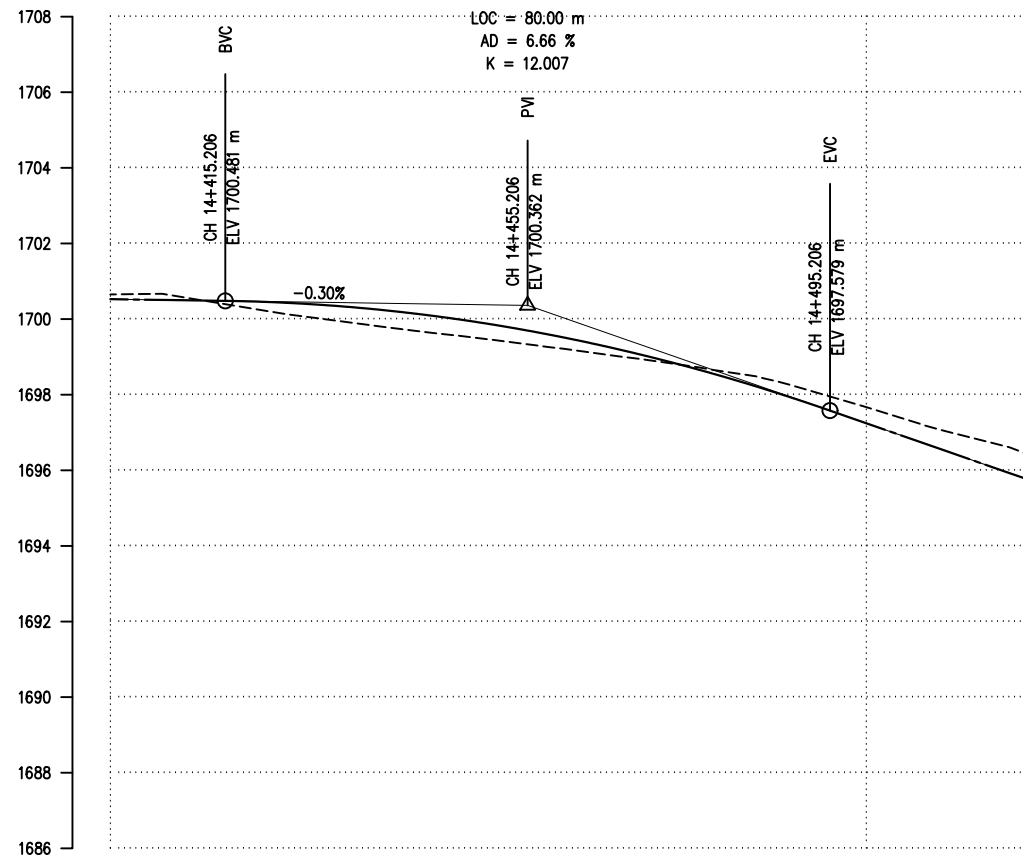
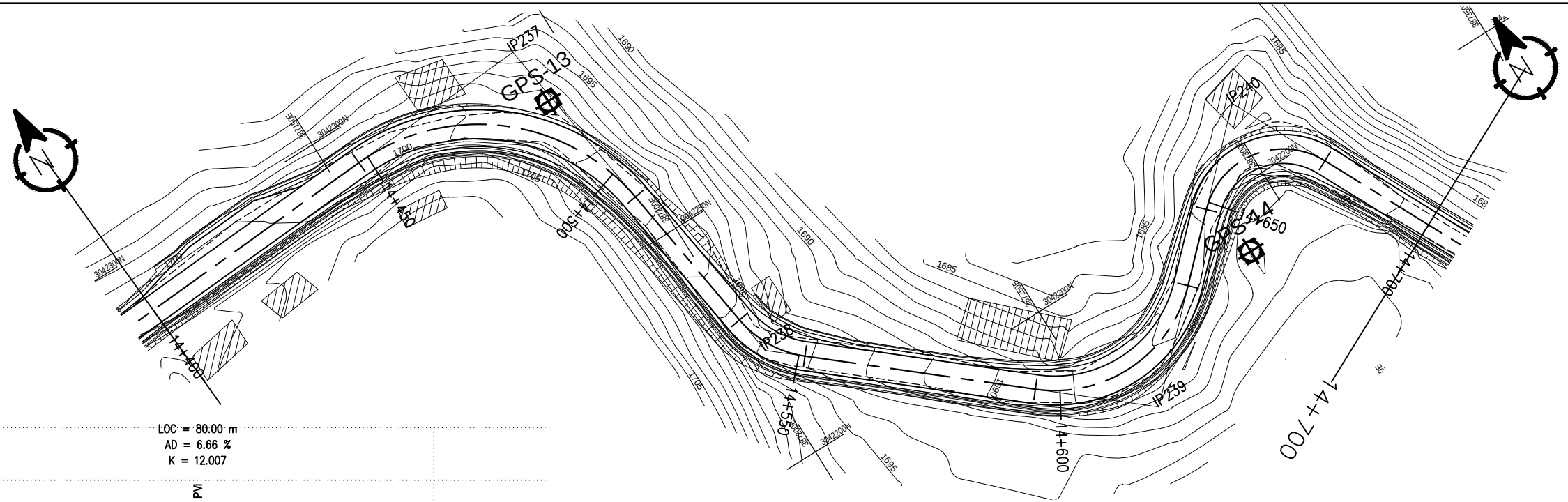


DESIGN LEVEL(m)		1691.863	1692.184	1692.504	1692.825	1693.145	1693.466	1693.787	1694.107	1694.428	1694.749	1695.069	1695.390	1695.711	1696.031	1696.352	1696.672	1696.993	1697.314	1697.634	1697.955	1698.276	1698.596	1698.917	1699.237	1699.558	1699.878	1700.175	1700.437	1700.663	1700.855	1701.011
EXISTING LEVEL(m)		1692.898	1693.639	1694.220	1694.772	1695.009	1694.838	1693.658	1695.429	1695.749	1695.827	1695.805	1695.909	1696.041	1696.198	1696.487	1697.020	1697.526	1698.025	1698.488	1698.848	1699.193	1699.592	1699.983	1700.368	1700.750	1701.168	1701.200	1700.737	1700.378	1700.107	1700.188
CHAINAGE(Km)		13+800	13+810	13+820	13+830	13+840	13+850	13+860	13+870	13+880	13+890	13+900	13+910	13+920	13+930	13+940	13+950	13+960	13+970	13+980	13+990	14+000	14+010	14+020	14+030	14+040	14+050	14+060	14+070	14+080	14+090	14+100
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION																																

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
233	386883.496	3042091.352	69-38-50.84	47.412	35-40-36.37	11.263	35.000	1.768	21.794	14+064.036	14+074.933	14+085.830	14+075.299
234	386988.048	3042130.136	41-15-28.01	111.514	28-23-22.83	25.294	100.000	3.149	49.549	14+160.786	14+185.561	14+210.336	14+186.081
235	387050.326	3042201.131	09-52-16.93	94.440	31-23-11.07	19.667	70.000	2.710	38.346	14+259.814	14+278.987	14+298.159	14+279.481
236	387065.225	3042286.751	86-24-38.02	86.907	76-32-21.08	26.033	33.000	9.033	44.083	14+339.366	14+361.407	14+383.449	14+365.399



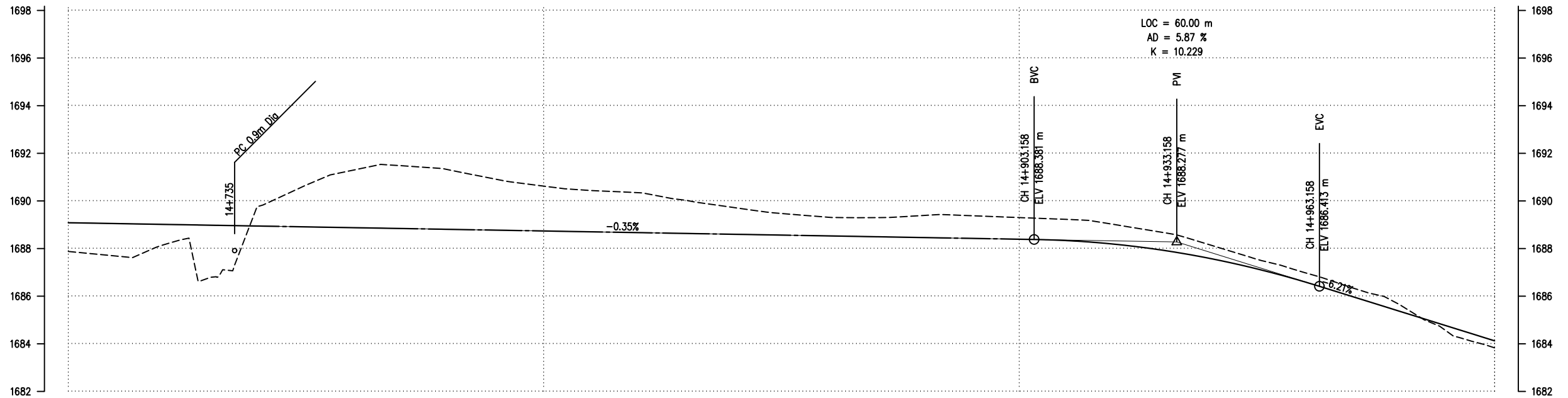
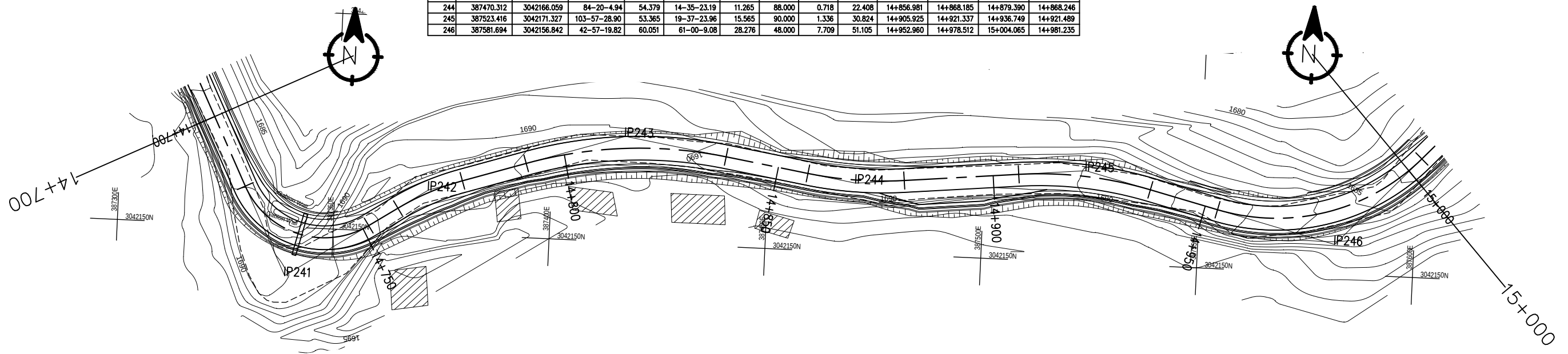
DESIGN LEVEL(m)		1701.011	1701.133	1701.219	1701.271	1701.287	1701.269	1701.240	1701.210	1701.180	1701.151	1701.121	1701.091	1701.061	1701.032	1701.002	1700.972	1700.943	1700.913	1700.883	1700.853	1700.824	1700.794	1700.764	1700.735	1700.705	1700.675	1700.645	1700.616	1700.586	1700.556	1700.527
EXISTING LEVEL(m)		1700.188	1700.084	1700.076	1700.231	1700.377	1700.577	1700.792	1701.101	1701.464	1701.813	1702.371	1702.736	1702.823	1702.681	1702.578	1702.500	1702.642	1702.804	1702.898	1703.068	1703.066	1702.831	1702.129	1701.449	1700.807	1700.350	1700.193	1700.357	1700.441	1700.586	1700.653
CHAINAGE(Km)		14+100	14+110	14+120	14+130	14+140	14+150	14+160	14+170	14+180	14+190	14+200	14+210	14+220	14+230	14+240	14+250	14+260	14+270	14+280	14+290	14+300	14+310	14+320	14+330	14+340	14+350	14+360	14+370	14+380	14+390	14+400
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT	</																														



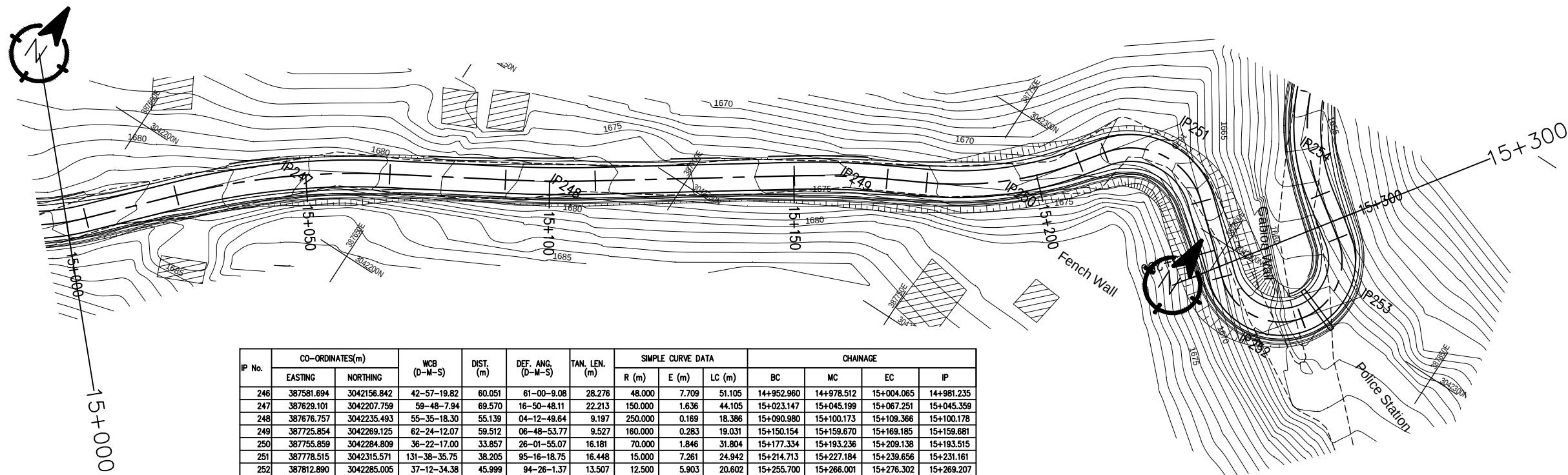
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
236	387065.225	3042286.751	86-24-38.02	86.907	76-32-21.08	26.033	33.000	9.033	44.083	14+339.366	14+361.407	14+383.449	14+365.399
237	387191.513	3042294.673	171-44-46.77	126.536	85-20-8.76	35.948	39.000	14.040	58.086	14+448.004	14+477.047	14+506.090	14+483.952
238	387202.150	3042221.344	130-11-26.72	74.096	41-33-20.06	7.588	20.000	1.391	14.506	14+536.651	14+543.903	14+551.156	14+544.239
239	387259.749	3042172.685	45-37-11.53	75.401	84-34-15.18	23.646	26.000	9.145	38.377	14+595.323	14+614.511	14+633.700	14+618.969
240	387302.072	3042214.102	153-44-40.77	59.217	108-07-29.23	20.693	15.000	10.558	28.307	14+648.577	14+662.731	14+676.884	14+669.270
241	387339.257	3042138.716	56-37-53.05	84.058	97-06-47.72	22.651	20.000	10.217	33.899	14+717.599	14+734.548	14+751.497	14+740.249

DESIGN LEVEL(m)		1700.527	1700.497	1700.458	1700.346	1700.152	1699.874	1699.513	1699.068	1698.541	1697.930	1697.245	1696.549	1695.853	1695.157	1694.461	1693.765	1693.069	1692.373	1691.677	1690.984	1690.381	1689.911	1689.573	1689.368	1689.291	1689.257	1689.222	1689.187	1689.153	1689.118	1689.084
EXISTING LEVEL(m)		1700.653	1700.566	1700.238	1699.955	1699.698	1699.465	1699.214	1698.948	1698.648	1698.256	1697.673	1697.062	1696.530	1695.521	1694.281	1693.226	1692.299	1691.372	1690.551	1689.805	1689.152	1688.566	1688.026	1687.909	1687.908	1688.267	1688.797	1688.552	1688.318	1688.084	1687.878
CHAINAGE(Km)		14+400	14+410	14+420	14+430	14+440	14+450	14+460	14+470	14+480	14+490	14+500	14+510	14+520	14+530	14+540	14+550	14+560	14+570	14+580	14+590	14+600	14+610	14+620	14+630	14+640	14+650	14+660	14+670	14+680	14+690	14+700
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION		T 14+400 14+402.241	NC		T 14+429.212	-6.5		T 14+500.132	T		6.5 14+540.226 14+547.581	T 14+562.431	NC		T 14+585.148	T 14+598.348		5.5		T 14+630.675	-2.5		T 14+649.952	T 14+675.509 14+681.284		NC		14+700				

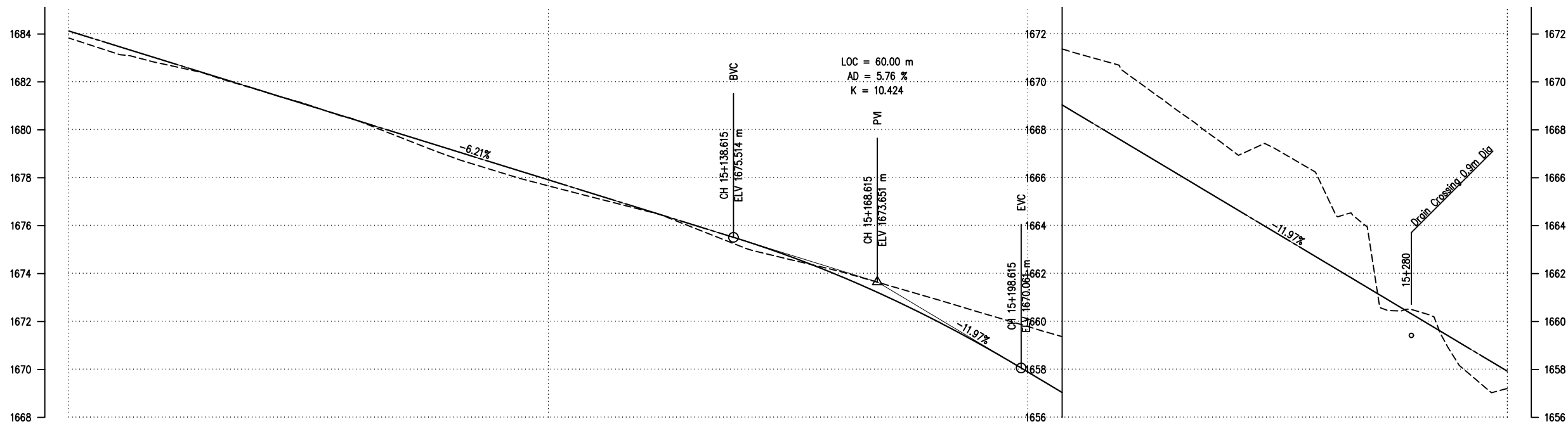
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
241	387339.257	3042138.716	56-37-53.05	84.058	97-06-47.72	22.651	20.000	10.217	33.899	14+717.599	14+734.548	14+751.497	14+740.249
242	387371.582	3042160.005	72-09-17.22	38.706	15-31-24.17	8.178	60.000	0.555	16.256	14+759.374	14+767.502	14+775.630	14+767.552
243	387416.591	3042174.495	98-55-28.12	47.284	26-46-10.90	23.795	100.000	2.792	46.722	14+790.940	14+814.301	14+837.662	14+814.736
244	387470.312	3042166.059	84-20-4.94	54.379	14-35-23.19	11.285	88.000	0.718	22.408	14+856.981	14+868.185	14+879.390	14+868.246
245	387523.416	3042171.327	103-57-28.90	53.365	19-37-23.96	15.565	90.000	1.336	30.824	14+905.925	14+921.337	14+936.749	14+921.489
246	387581.694	3042156.842	42-57-19.82	60.051	61-00-9.08	28.276	48.000	7.709	51.105	14+952.960	14+978.512	15+004.065	14+981.235



DESIGN LEVEL(m)		1689.084	1689.049	1689.014	1688.980	1688.945	1688.911	1688.876	1688.841	1688.807	1688.772	1688.738	1688.703	1688.668	1688.634	1688.599	1688.565	1688.530	1688.495	1688.461	1688.426	1688.392	1688.354	1688.314	1688.274	1688.234	1688.194	1687.936	1687.590	1687.146	1686.605	1685.988	1685.367	1684.746	1684.125
EXISTING LEVEL(m)		1687.878	1687.687	1688.155	1686.795	1689.773	1690.662	1691.296	1691.481	1691.308	1690.910	1690.621	1690.436	1690.344	1690.023	1689.723	1689.472	1689.313	1689.299	1689.391	1689.379	1689.301	1689.225	1689.010	1688.683	1688.162	1687.552	1686.993	1686.355	1685.648	1684.516	1683.830			
CHAINAGE(Km)		14+700	14+710	14+720	14+730	14+740	14+750	14+760	14+770	14+780	14+790	14+800	14+810	14+820	14+830	14+840	14+850	14+860	14+870	14+880	14+890	14+900	14+910	14+920	14+930	14+940	14+950	14+960	14+970	14+980	14+990	15+000			
HORIZONTAL ALIGNMENT	RIGHT																																		
	LEFT																																		
SUPER ELEVATION		14+700	14+713.199	14+718.974	14+750.122	14+760.749	14+774.255	14+793.828	14+834.775	14+859.181	14+877.19	14+909.018	14+933.655	14+954.335	15+000																				
		NC	T	2.5	T	-2.5	T	-4.5	T	4	T	-4.5	T	2.5																					

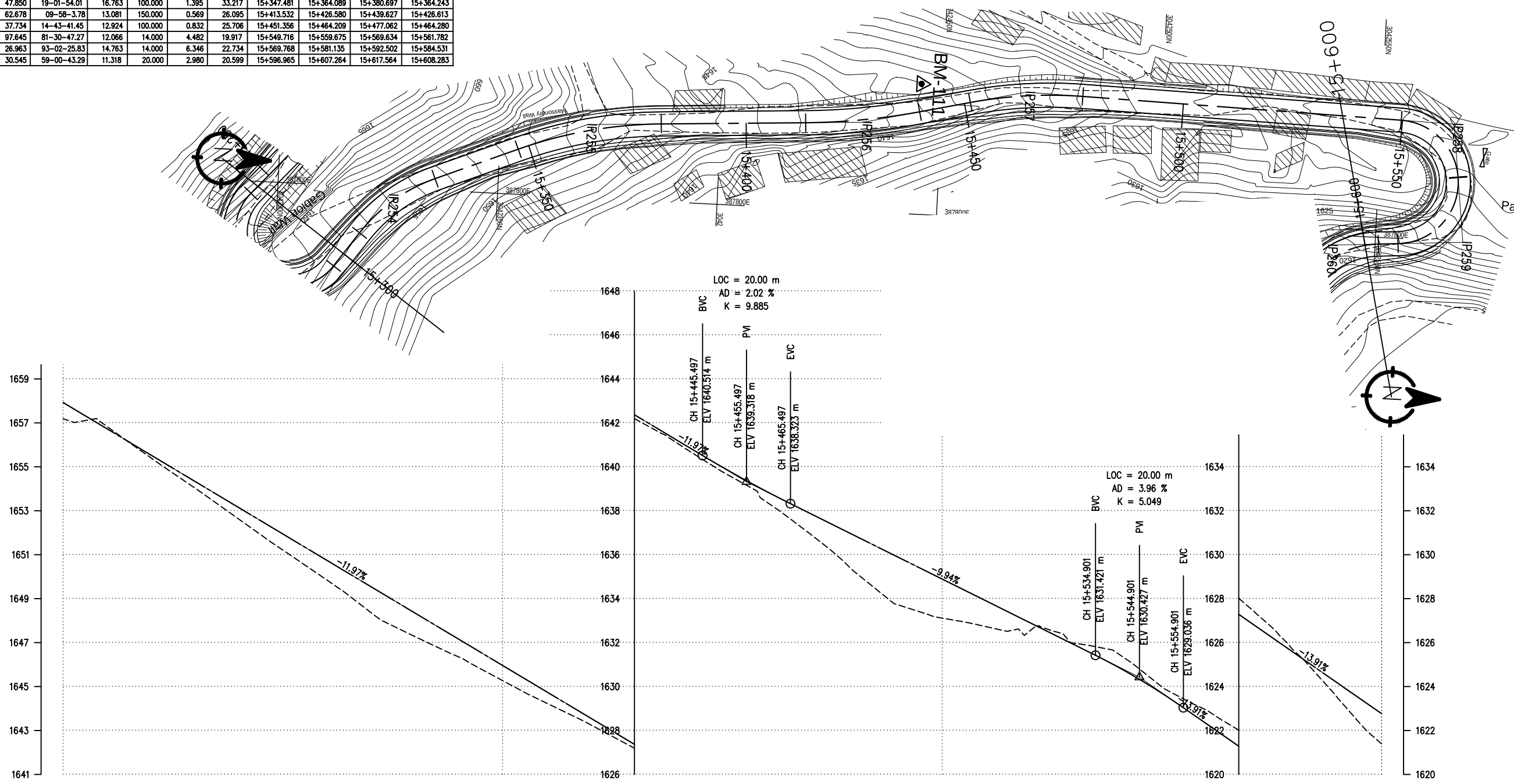


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
246	387581.694	3042156.842	42-57-19.82	60.051	61-00-9.08	28.276	48.000	7.709	51.105	14+952.960	14+978.512	15+004.065	14+981.235
247	387629.101	3042207.759	59-48-7.94	69.570	16-50-48.11	22.213	150.000	1.636	44.105	15+023.147	15+045.199	15+067.251	15+045.359
248	387676.757	3042235.493	55-35-18.30	55.139	04-12-49.64	9.197	250.000	0.169	18.386	15+090.980	15+100.173	15+109.366	15+100.178
249	387725.854	3042269.125	62-24-12.07	59.512	06-48-53.77	9.527	160.000	0.283	19.031	15+150.154	15+159.670	15+169.185	15+159.681
250	387755.859	3042284.809	36-22-17.00	33.857	26-01-55.07	16.181	70.000	1.846	31.804	15+177.334	15+193.236	15+209.138	15+193.515
251	387778.515	3042315.571	131-38-35.75	38.205	95-16-18.75	16.448	15.000	7.261	24.942	15+214.713	15+227.184	15+239.656	15+231.161
252	387812.890	3042285.005	37-12-34.38	45.999	94-26-1.37	13.507	12.500	5.903	20.602	15+255.700	15+266.001	15+276.302	15+269.207
253	387828.906	3042306.098	305-17-49.49	26.484	91-54-44.89	12.924	12.500	5.480	20.052	15+276.356	15+286.382	15+296.408	15+289.280

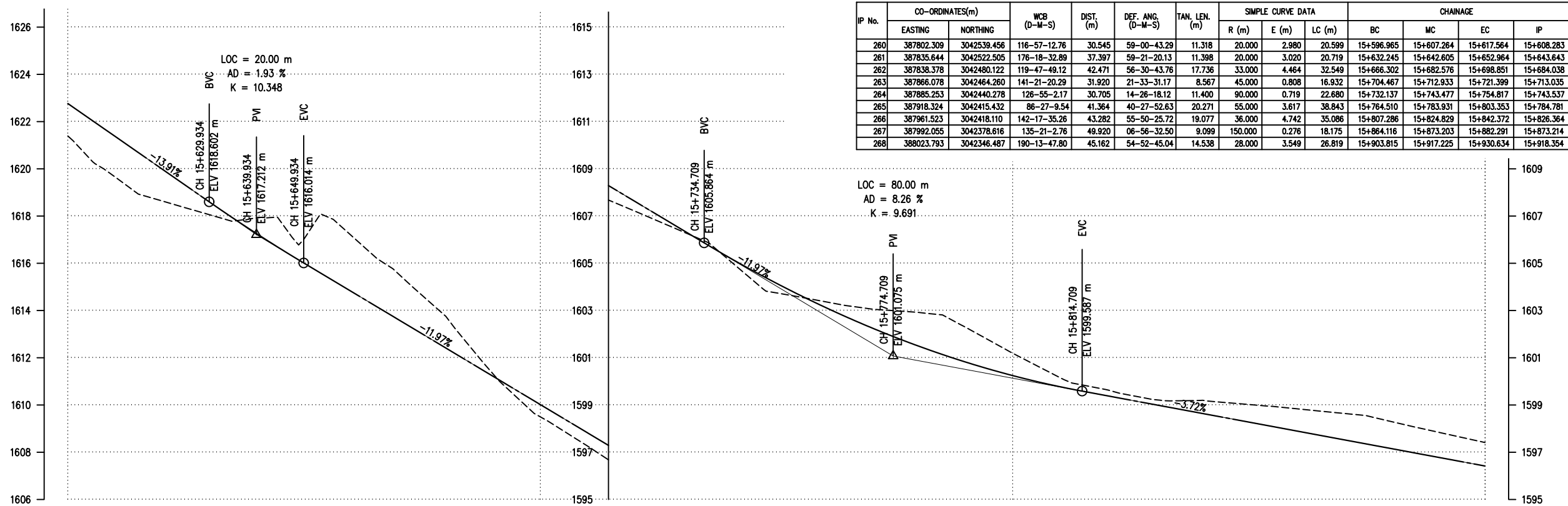
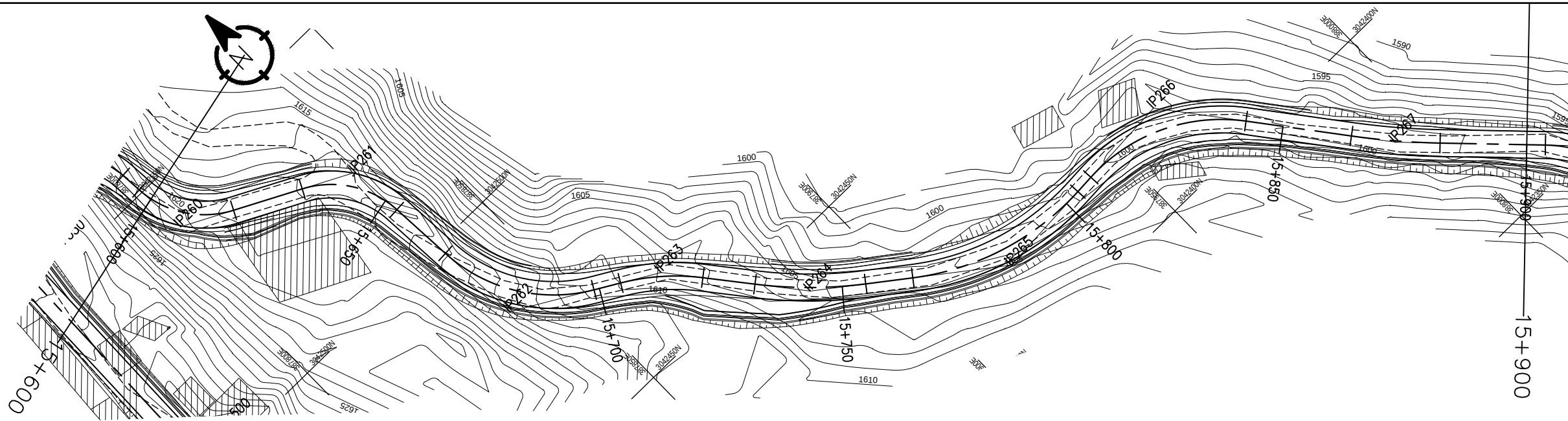


DESIGN LEVEL(m)		1684.125	1683.504	1682.882	1682.261	1681.640	1681.019	1680.398	1679.777	1679.155	1678.534	1677.913	1677.292	1676.671	1676.050	1675.427	1674.745	1673.967	1673.092	1672.122	1671.056	1669.895	1668.698	1667.501	1666.304	1665.108	1663.911	1662.714	1661.517	1660.321	1659.124	1657.927
EXISTING LEVEL(m)		1683.830	1683.179	1682.733	1682.241	1681.635	1681.039	1680.403	1679.618	1678.855	1678.222	1677.662	1677.147	1676.637	1675.936	1675.147	1674.605	1674.132	1673.561	1672.981	1672.380	1671.793	1671.203	1670.442	1668.980	1667.529	1667.374	1666.236	1664.071	1660.504	1658.165	1657.190
CHAINAGE(Km)		15+000	15+010	15+020	15+030	15+040	15+050	15+060	15+070	15+080	15+090	15+100	15+110	15+120	15+130	15+140	15+150	15+160	15+170	15+180	15+190	15+200	15+210	15+220	15+230	15+240	15+250	15+260	15+270	15+280	15+290	15+300
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION		15+000 15+002.69	T		-3.5		T		NC		T		-2.5		T		2.5		T		-2.5		T		2.5		T		2.5		T	

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
253	387828.906	3042306.098	305-17-49.49	26.484	91-54-44.89	12.924	12.500	5.480	20.052	15+276.356	15+286.382	15+296.408	15+289.280
254	387801.567	3042325.453	337-37-11.28	33.497	32-19-21.79	11.012	38.000	1.563	21.437	15+305.968	15+316.687	15+327.405	15+316.980
255	387783.348	3042369.699	356-39-5.29	47.850	19-01-54.01	16.763	100.000	1.395	33.217	15+347.481	15+364.089	15+380.697	15+364.243
256	387779.687	3042432.270	346-41-1.50	62.678	09-58-3.78	13.081	150.000	0.569	26.095	15+413.532	15+426.580	15+439.627	15+426.613
257	387770.996	3042468.989	01-24-42.96	37.734	14-43-41.45	12.924	100.000	0.832	25.706	15+451.356	15+464.209	15+477.062	15+464.280
258	387773.402	3042566.604	82-55-30.22	97.645	81-30-47.27	12.066	14.000	4.482	19.917	15+549.716	15+559.675	15+569.634	15+561.782
259	387800.160	3042569.925	175-57-56.05	26.963	93-02-25.83	14.763	14.000	6.346	22.734	15+569.768	15+581.135	15+592.502	15+584.531
260	387802.309	3042539.456	116-57-12.76	30.545	59-00-43.29	11.318	20.000	2.980	20.599	15+596.965	15+607.264	15+617.564	15+608.283



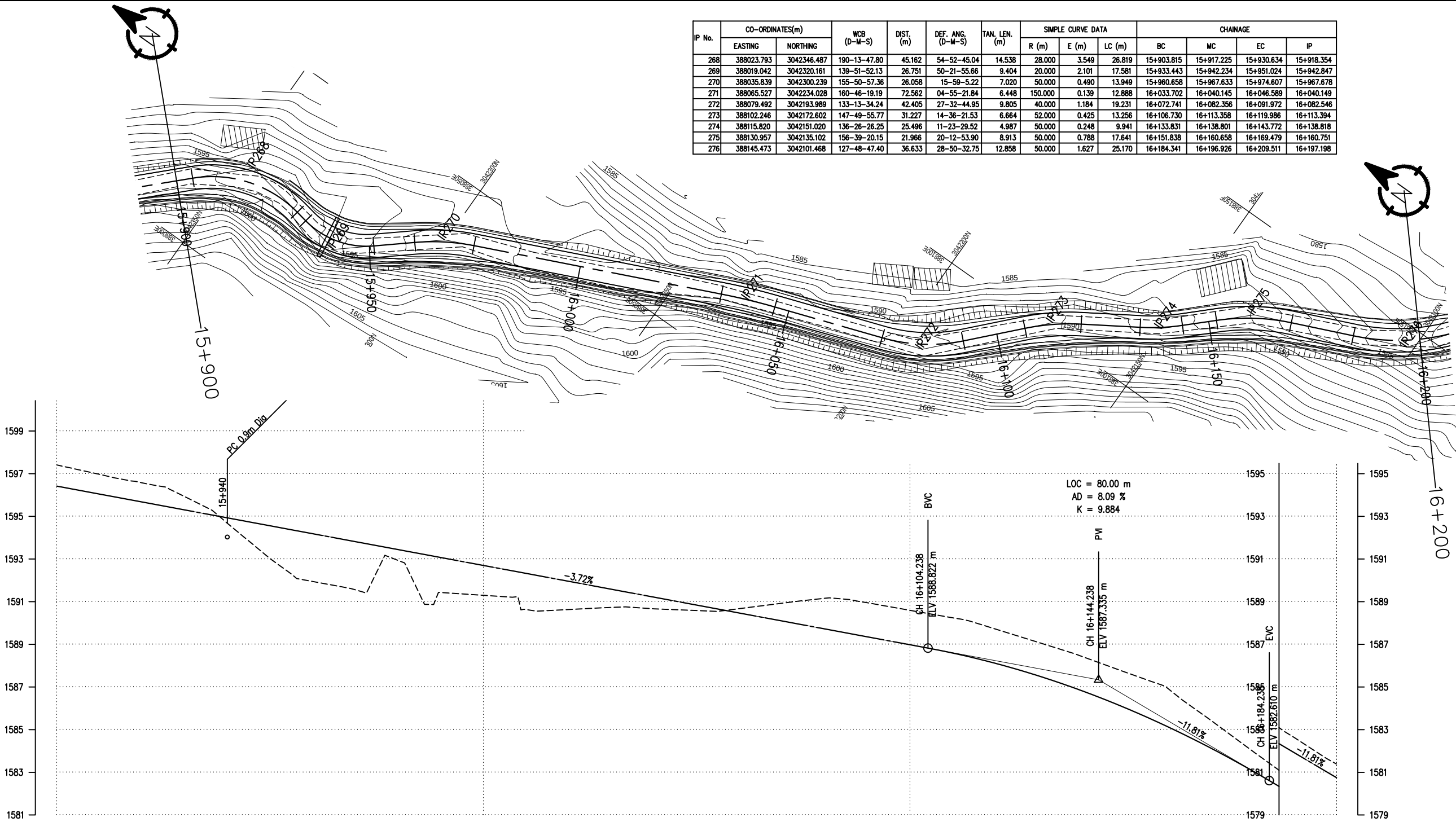
DESIGN LEVEL(m)		1657.927	1656.730	1655.533	1654.337	1653.140	1651.943	1650.746	1649.550	1648.353	1647.156	1645.959	1644.762	1643.566	1642.369	1641.172	1639.986	1638.885	1637.875	1636.881	1635.886	1634.892	1633.897	1632.903	1631.909	1630.888	1629.694	1628.327	1626.937	1625.546	1624.155	1622.765				
EXISTING LEVEL(m)		1657.190	1656.836	1655.408	1654.036	1652.617	1651.214	1649.852	1648.374	1647.279	1646.351	1645.272	1644.245	1643.263	1642.193	1641.042	1639.774	1638.406	1636.944	1635.237	1633.715	1633.115	1632.726	1632.535	1631.971	1631.502	1629.988	1628.941	1627.585	1625.648	1623.479	1621.391				
CHAINAGE(Km)		15+300	15+310	15+320	15+330	15+340	15+350	15+360	15+370	15+380	15+390	15+400	15+410	15+420	15+430	15+440	15+450	15+460	15+470	15+480	15+490	15+500	15+510	15+520	15+530	15+540	15+550	15+560	15+570	15+580	15+590	15+600				
HORIZONTAL ALIGNMENT	RIGHT	IP-254 R=38.00		IP-255 R=100.00		IP-256 R=150.00		IP-257 R=100.00		IP-258 R=14.00		IP-259 R=14.00		IP-260 R=20.00																						
	LEFT																																			
SUPER ELEVATION		15+300	15+307.343	-2.5	15+326.03	T	15+351.606	-4.5	15+376.572	T	15+395.822	NC	15+406.657	15+414.907	2.5	15+438.252	T	15+452.731	-2.5	15+475.687	T	15+481.462	NC	15+545.316	T	15+551.091	-2.5	15+568.259	T	15+571.143	-2.5	15+591.127	T	15+598.34	2.5	15+600



IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
260	387802.309	3042539.456	116-57-12.76	30.545	59-00-43.29	11.318	20.000	2.980	20.599	15+596.965	15+607.264	15+617.564	15+608.283
261	387835.644	3042522.505	176-18-32.89	37.397	59-21-20.13	11.398	20.000	3.020	20.719	15+632.245	15+642.605	15+652.964	15+643.643
262	387838.378	3042480.122	119-47-49.12	42.471	56-30-43.76	17.736	33.000	4.464	32.549	15+666.302	15+682.576	15+698.851	15+684.038
263	387866.078	3042464.260	141-21-20.29	31.920	21-33-31.17	8.567	45.000	0.808	16.932	15+704.467	15+712.933	15+721.399	15+713.035
264	387885.253	3042440.278	126-55-2.17	30.705	14-26-18.12	11.400	90.000	0.719	22.680	15+732.137	15+743.477	15+754.817	15+743.537
265	387918.324	3042415.432	86-27-9.54	41.364	40-27-52.63	20.271	55.000	3.617	38.843	15+764.510	15+783.931	15+803.353	15+784.781
266	387961.523	3042418.110	142-17-35.26	43.282	55-50-25.72	19.077	36.000	4.742	35.086	15+807.286	15+824.829	15+842.372	15+826.364
267	387992.055	3042378.616	135-21-2.76	49.920	06-56-32.50	9.099	150.000	0.276	18.175	15+864.116	15+873.203	15+882.291	15+873.214
268	388023.793	3042346.487	190-13-47.80	45.162	54-52-45.04	14.538	28.000	3.549	26.819	15+903.815	15+917.225	15+930.634	15+918.354

DESIGN LEVEL(m)		1622.765	1621.374	1619.984	1618.593	1617.251	1616.006	1614.809	1613.612	1612.414	1611.217	1610.020	1608.822	1607.625	1606.428	1605.245	1604.154	1603.166	1602.281	1601.499	1600.821	1600.246	1599.774	1599.391	1599.019	1598.647	1598.275	1597.903	1597.532	1597.160	1596.788	1596.416
EXISTING LEVEL(m)		1621.391	1619.658	1618.638	1618.057	1617.921	1617.025	1617.177	1615.550	1613.758	1611.320	1609.501	1608.264	1607.212	1606.354	1605.132	1603.748	1603.385	1603.067	1602.923	1602.297	1601.194	1600.161	1599.641	1599.227	1599.197	1599.020	1598.843	1598.645	1598.306	1597.852	1597.410
CHAINAGE(Km)		15+600	15+610	15+620	15+630	15+640	15+650	15+660	15+670	15+680	15+690	15+700	15+710	15+720	15+730	15+740	15+750	15+760	15+770	15+780	15+790	15+800	15+810	15+820	15+830	15+840	15+850	15+860	15+870	15+880	15+890	15+900
HORIZONTAL ALIGNMENT	RIGHT																															
	LEFT																															
SUPER ELEVATION		15+600	15+616.189	15+634.445	15+650.764	15+667.677	15+687.476	15+705.842	15+720.024	15+733.512	15+753.442	15+765.885	15+801.978	15+808.661	15+840.997	15+867.324	15+879.082	15+900														

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
268	388023.793	3042346.487	190-13-47.80	45.162	54-52-45.04	14.538	28.000	3.549	26.819	15+903.815	15+917.225	15+930.634	15+918.354
269	388019.042	3042320.161	139-51-52.13	26.751	50-21-55.66	9.404	20.000	2.101	17.581	15+933.443	15+942.234	15+951.024	15+942.847
270	388035.839	3042300.239	155-50-57.36	26.058	15-59-5.22	7.020	50.000	0.490	13.949	15+960.658	15+967.633	15+974.607	15+967.678
271	388065.527	3042234.028	160-46-19.19	72.562	04-55-21.84	6.448	150.000	0.139	12.888	16+033.702	16+040.145	16+046.589	16+040.149
272	388079.492	3042193.989	133-13-34.24	42.405	27-32-44.95	9.805	40.000	1.184	19.231	16+072.741	16+082.356	16+091.972	16+082.546
273	388102.246	3042172.602	147-49-55.77	31.227	14-36-21.53	6.664	52.000	0.425	13.256	16+106.730	16+113.358	16+119.986	16+113.394
274	388115.820	3042151.020	136-26-26.25	25.496	11-23-29.52	4.987	50.000	0.248	9.941	16+133.831	16+138.801	16+143.772	16+138.818
275	388130.957	3042135.102	156-39-20.15	21.966	20-12-53.90	8.913	50.000	0.788	17.641	16+151.838	16+160.658	16+169.479	16+160.751
276	388145.473	3042101.468	127-48-47.40	36.633	28-50-32.75	12.858	50.000	1.627	25.170	16+184.341	16+196.926	16+209.511	16+197.198



DESIGN LEVEL(m)		1596.416	1596.044	1595.673	1595.301	1594.929	1594.557	1594.185	1593.813	1593.442	1593.070	1592.698	1592.326	1591.954	1591.583	1591.211	1590.839	1590.467	1590.095	1589.723	1589.352	1588.980	1588.591	1588.111	1587.529	1586.846	1586.061	1585.176	1584.189	1583.102	1581.930	1580.748
EXISTING LEVEL(m)		1597.410	1596.971	1596.571	1595.926	1594.675	1593.019	1591.946	1591.556	1592.935	1591.430	1591.298	1590.628	1590.631	1590.729	1590.864	1590.585	1590.672	1590.926	1591.158	1590.950	1590.594	1590.243	1589.718	1589.098	1588.455	1587.729	1587.006	1585.517	1584.041	1582.643	1581.386
CHAINAGE(Km)		15+900	15+910	15+920	15+930	15+940	15+950	15+960	15+970	15+980	15+990	16+000	16+010	16+020	16+030	16+040	16+050	16+060	16+070	16+080	16+090	16+100	16+110	16+120	16+130	16+140	16+150	16+160	16+170	16+180	16+190	16+200
HORIZONTAL ALIGNMENT	RIGHT	IP-268 R=28.00		IP-269 R=20.00		IP-270 R=50.00		IP-271 R=150.00		IP-272 R=40.00		IP-273 R=52.00		IP-274 R=50.00		IP-275 R=50.00		IP-276 R=50.00														
	LEFT																															
SUPER ELEVATION		15+900 15+905.19	-2.5	15+929.259 15+934.818	2.5	15+949.649	-2.5	15+962.033 15+973.232	15+979.832	NC	16+020.41	-3.5	16+036.91 16+043.381	16+075.766	5.5	16+088.947	-2.5	16+108.105 16+118.611	NC	16+143.893 16+153.763	-3.5	16+167.554	2.5	16+185.716	16+200							

CROSS SECTION

