



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

**Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting)
Road, Sindhuli District**

Final Report Volume III: Drawings

2022

Joint Venture of AVIYAAN-SOILTEST-CARD

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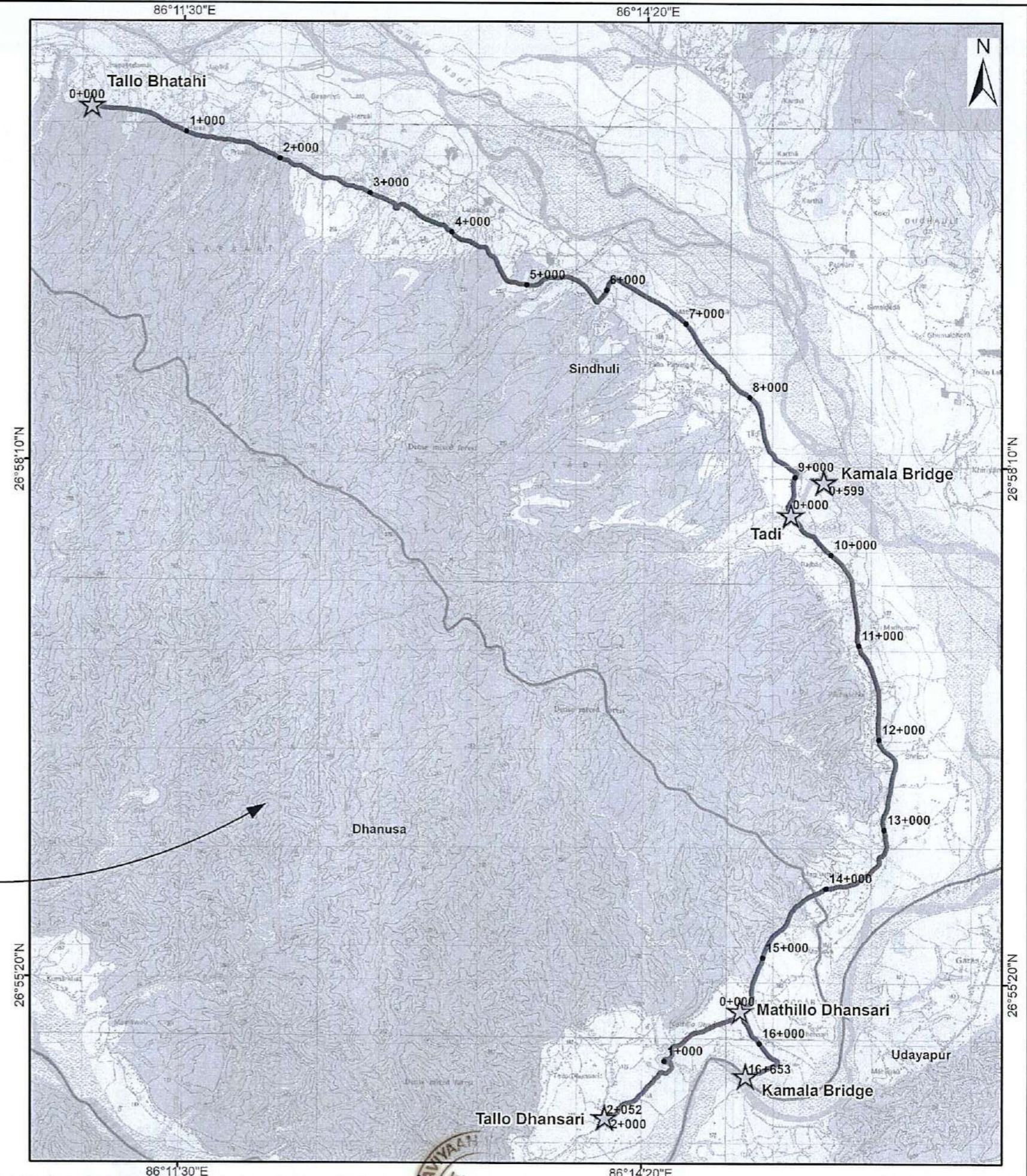
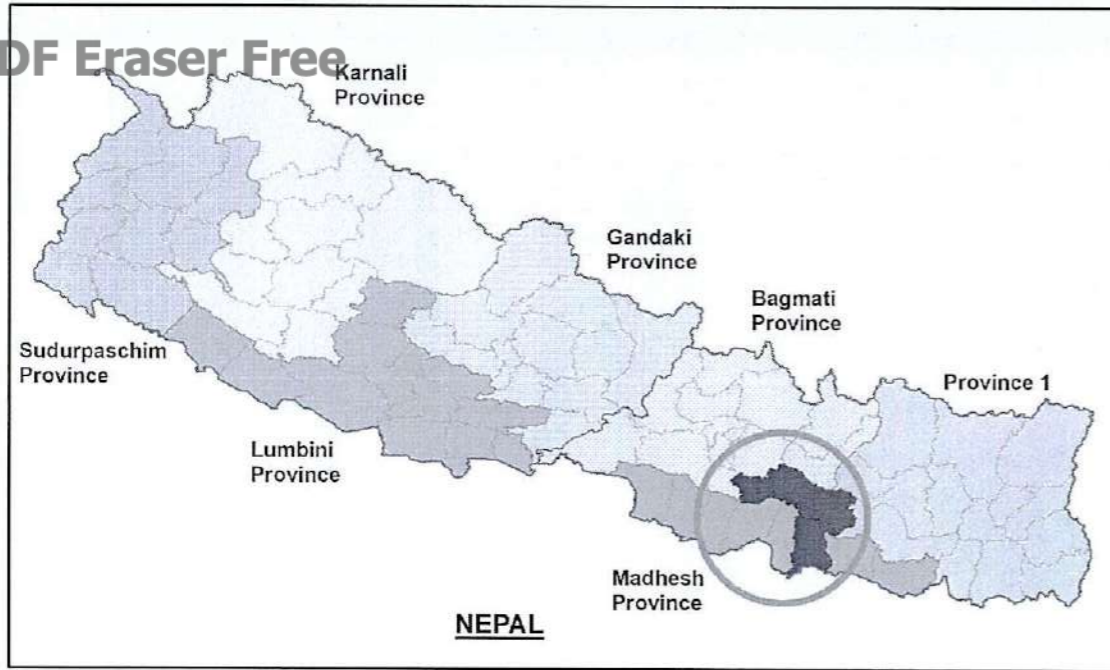


LIST OF DRAWINGS

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Total			253

GENERAL DRAWINGS





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PROJECT LOCATION MAP
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List of Permanent Control Points

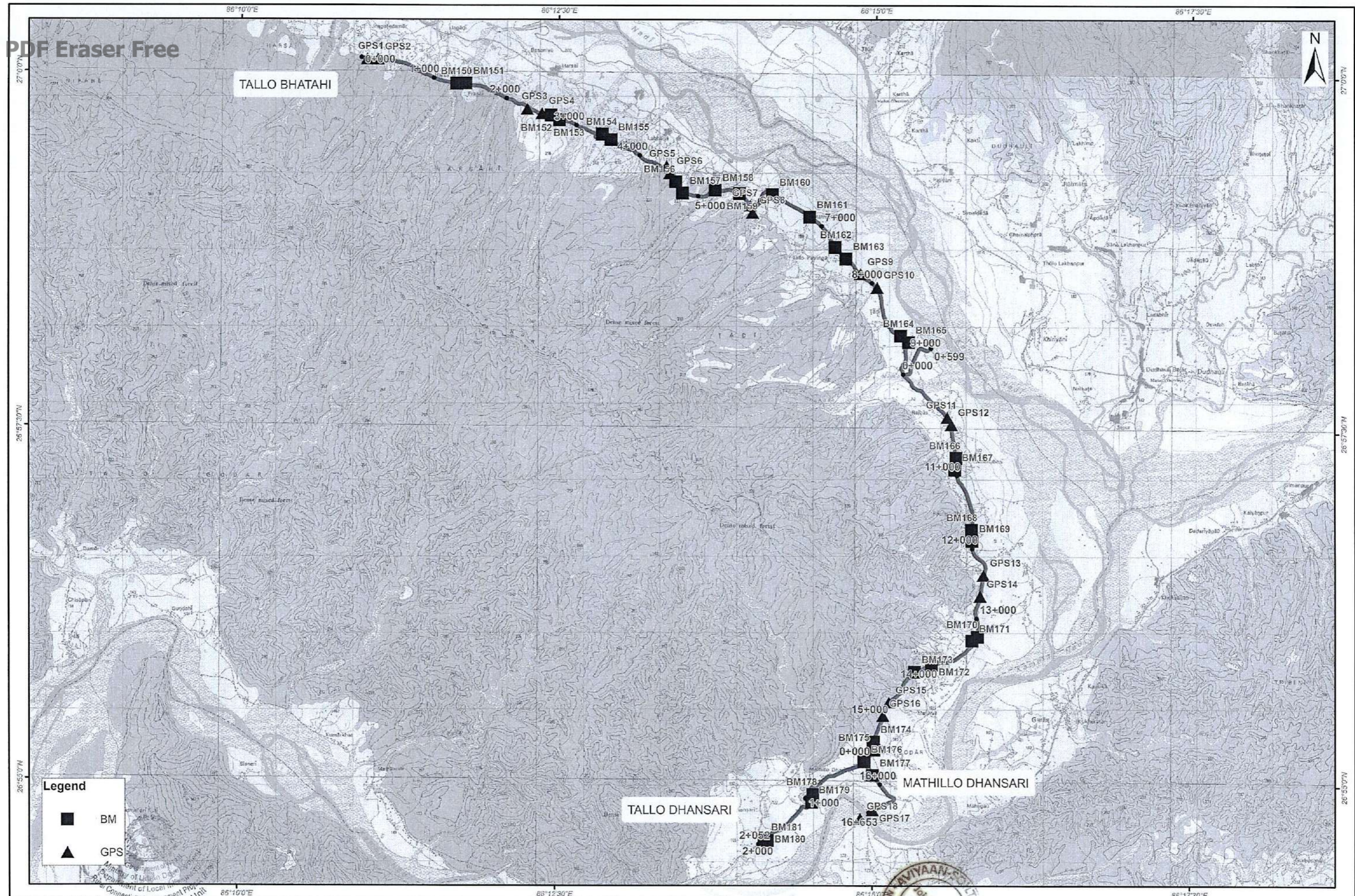
List of GPS

S.N	Station	Easting	Northing	Elevation
1	GPS1	418,955.496	2,986,882.629	233.902
2	GPS2	419,099.318	2,986,878.921	234.053
3	GPS3	421,043.490	2,986,231.304	236.652
4	GPS4	421,233.817	2,986,174.114	223.945
5	GPS5	422,861.081	2,985,487.150	220.198
6	GPS6	422,900.627	2,985,393.611	225.976
7	GPS7	423,948.057	2,984,977.105	205.956
8	GPS8	423,978.666	2,984,882.721	208.183
9	GPS9	425,385.484	2,984,084.587	189.622
10	GPS10	425,600.715	2,983,908.473	189.256
11	GPS11	426,515.498	2,982,214.134	185.982
12	GPS12	426,569.400	2,982,119.534	185.458
13	GPS13	426,983.976	2,980,158.607	178.583
14	GPS14	426,939.832	2,979,881.531	176.258
15	GPS15	425,746.904	2,978,494.942	170.096
16	GPS16	425,668.970	2,978,319.235	165.334
17	GPS17	425,531.669	2,977,083.243	163.071
18	GPS18	425,371.445	2,976,973.762	163.112

List of BM

S.N	Station	Easting	Northing	Elevation
1	BM150	420,122.938	2,986,561.368	232.780
2	BM151	420,246.694	2,986,564.142	231.294
3	BM152	421,355.644	2,986,151.822	223.780
4	BM153	421,461.635	2,986,087.999	226.720
5	BM154	422,026.896	2,985,904.091	233.933
6	BM155	422,141.517	2,985,835.021	233.739
7	BM156	422,980.088	2,985,283.813	229.225
8	BM157	423,068.932	2,985,135.665	235.067
9	BM158	423,494.663	2,985,175.408	213.738
10	BM159	423,808.607	2,985,134.849	208.867
11	BM160	424,238.884	2,985,116.182	198.681
12	BM161	424,725.780	2,984,826.109	195.122
13	BM162	425,058.294	2,984,432.931	194.853
14	BM163	425,197.667	2,984,281.891	193.011
15	BM164	425,909.581	2,983,279.812	188.454
16	BM165	426,013.395	2,983,193.183	189.012

S.N	Station	Easting	Northing	Elevation
17	BM166	426,633.019	2,981,685.880	185.390
18	BM167	426,616.075	2,981,532.004	184.613
19	BM168	426,831.830	2,980,749.139	184.773
20	BM169	426,838.479	2,980,605.978	182.906
21	BM170	426,907.450	2,979,352.166	169.005
22	BM171	426,836.371	2,979,300.435	174.897
23	BM172	426,306.182	2,978,983.744	189.499
24	BM173	426,086.708	2,978,891.276	187.756
25	BM174	425,546.538	2,977,978.952	163.390
26	BM175	425,553.716	2,977,871.056	163.040
27	BM176	425,427.475	2,977,717.974	171.367
28	BM177	425,534.968	2,977,540.442	170.699
29	BM178	424,761.478	2,977,287.862	165.643
30	BM179	424,742.741	2,977,185.793	160.070
31	BM180	424,162.375	2,976,682.063	164.401
32	BM181	424,121.100	2,976,697.910	164.311



Legend

- BM
- ▲ GPS

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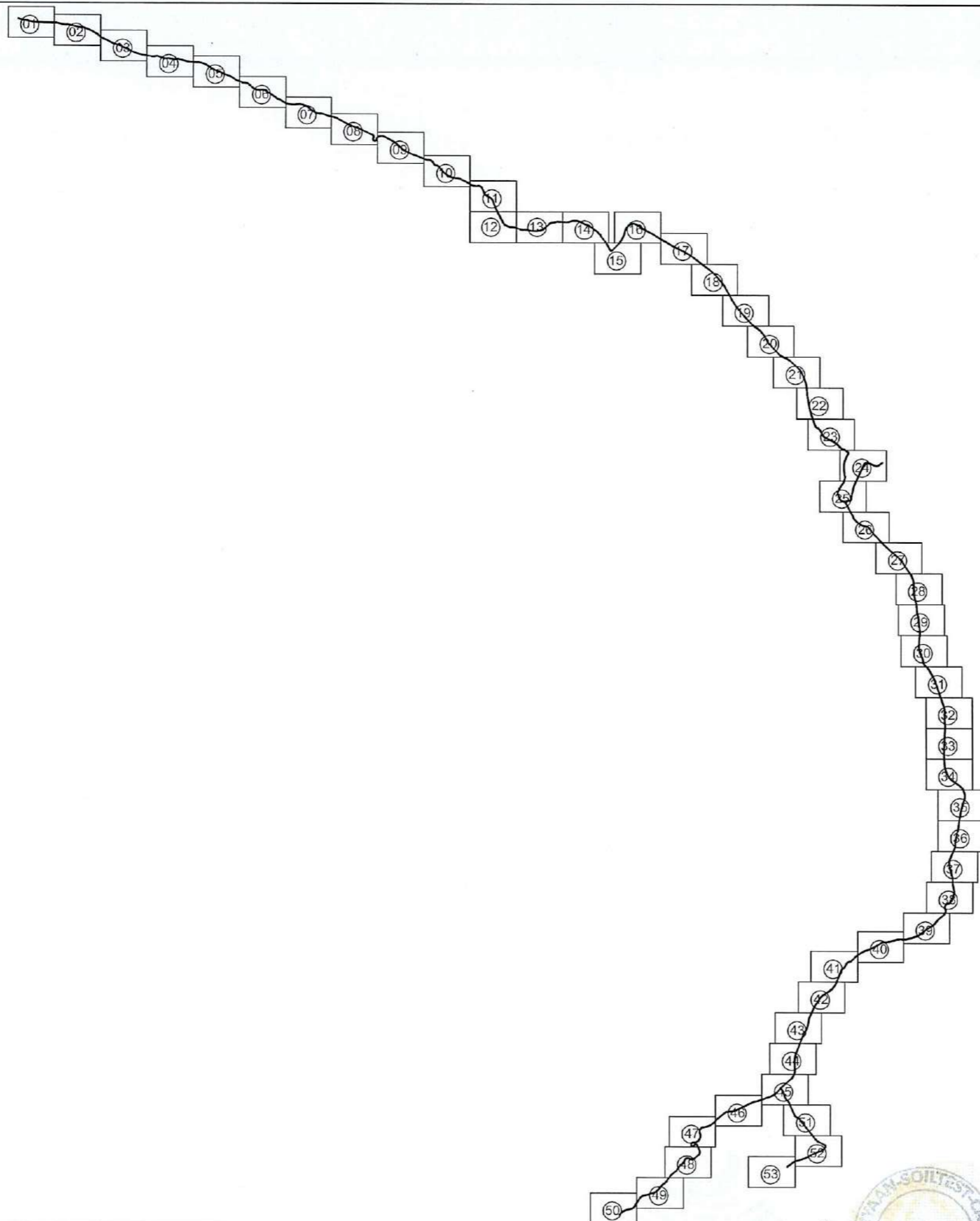
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PERMANENT CONTROL POINTS

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LEGEND

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



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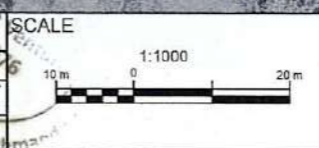


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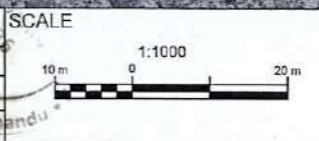


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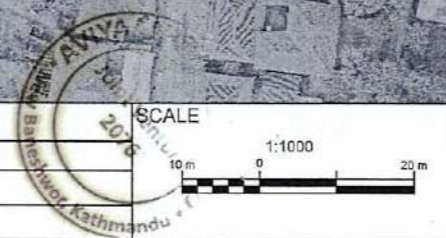
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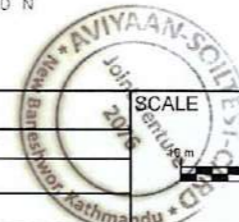
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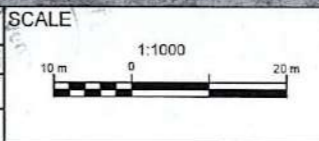
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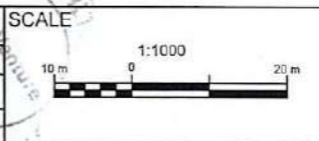
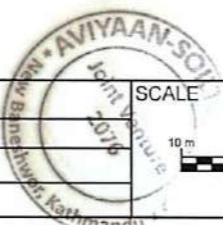
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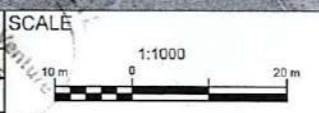
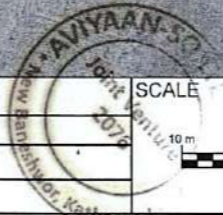
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




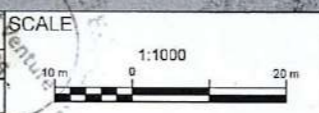
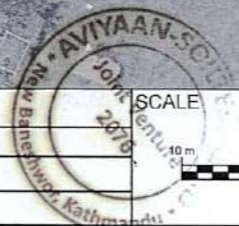
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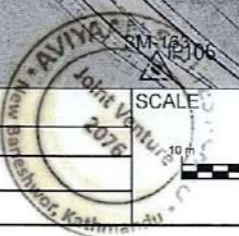
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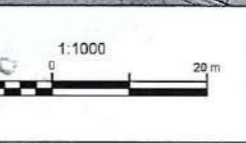
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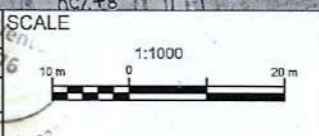
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Email: info@aviyaan.com

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425800 E
2983700 N

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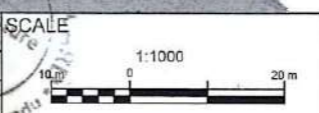
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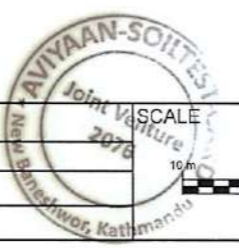
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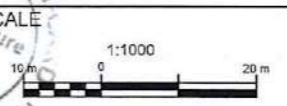
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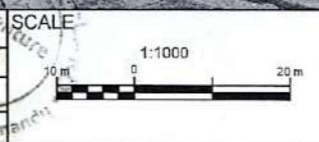
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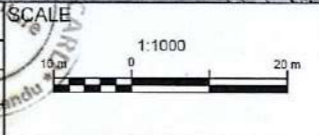



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426700 E
2982100 N



426800 E
2982100 N

426800 E
2982000 N

82000 N

426800 E
2981800 N

Harkatta Khahare
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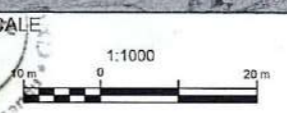


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426800 E
2981800 N

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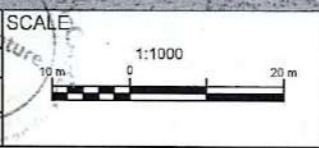
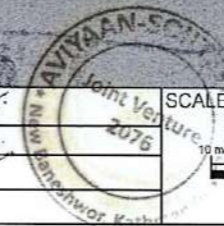
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426800 E
2981600 N

426800 E
2981500 N

426500 E
2981400 N



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426600 E
2981200 N

426900 E
2981300 N

2981200 N



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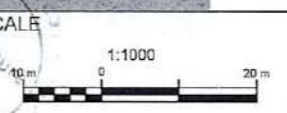


427000 E
2981000 N

427000 E
2980800 N

426700 E
2980900 N

426700 E
2980900 N



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426700 E
2980800 N

427000 E
2980800 N

426700 E
2980700 N

427000 E
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426700 E
2980600 N

427000 E
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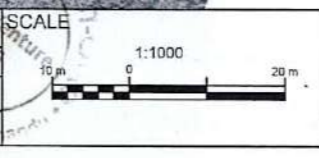
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DATE:
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426700 E
29805

427000 E
2980500 N

425700 E
2980400 N

42700 E

42800 E

056+11

000+71

12+050

P154

001+21

12+150

007+71

12+250



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426300 E 2980300 N

426500 E 2980200 N

426800 E 2980100 N

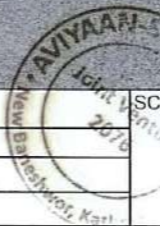
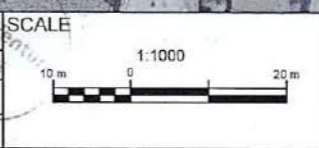



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426800 E
2980000 N

427100 E
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426800 E
2979900 N

427100 E
2979900 N

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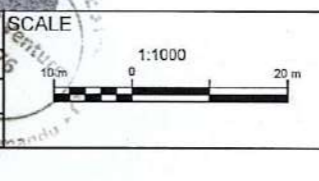
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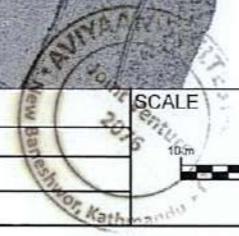
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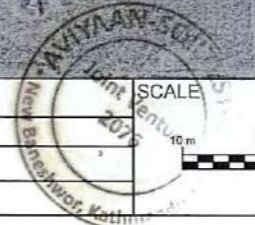
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427100 E
2979700 N

427100 E
2979600 N



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426700
2979500 N

426700 E
2979400 N

426700 E
2979300 N



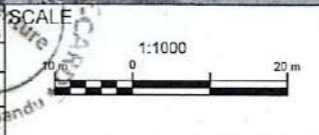
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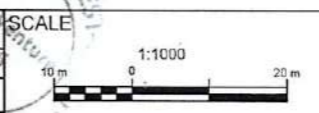
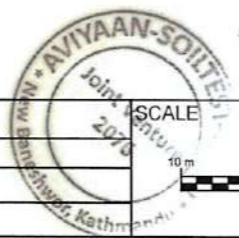
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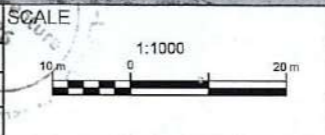


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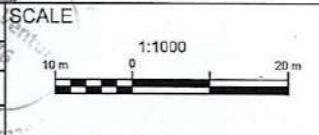
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TOPOGRAPHIC MAP

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425400 E
2978300 N

425500 E
2978300 N

425400 E
2978200 N

425500 E
2978200 N

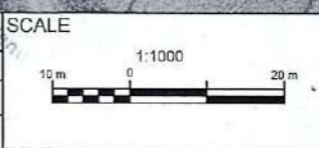


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425400 E
2978100 N

425400 E
2978000 N

425400 E
2977900 N

425700 E
2978000 N

425700 E
2977900 N

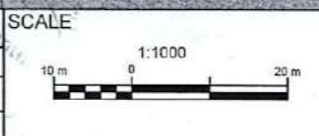


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Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
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254 Ekala Marg, New Baneshwor,
Kathmandu-34, Nepal
Phone: 977-1-4104307
Email: info@aviyaan.com

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DATE:
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SHEET NO : 44

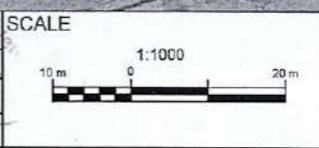


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 Project Coordination Unit (PCU)
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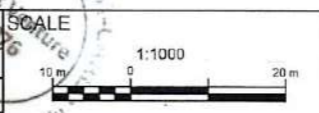
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TOPOGRAPHIC MAP

DATE: _____
 DRG NO : P
 SHEET NO : 46



424500 E
2977400 N

424500 E
2977400 N

424500 E
2977300 N



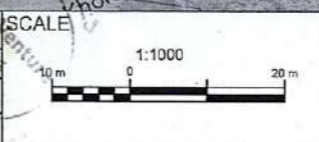
Government of Nepal
Ministry of Federal Affairs and General Administration
Department of Local Infrastructure (DoLI)
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Project Coordination Unit (PCU)
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DESIGNED BY : *GM*
DRAWN BY : *WJ*
CHECKED BY : *WJ*
APPROVED BY :



TOPOGRAPHIC MAP

DATE:
DRG NO : P
SHEET NO : 47

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424500 E
2977200 N



424800 E
2977000 N

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Ministry of Federal Affairs and General Administration
Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
Nepal Highway Authority
Project Coordination Unit

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(Province No - 2 Connecting)
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DATE	REVISION	SIGNATURE
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		CHECKED BY : <i>[Signature]</i>
		APPROVED BY : <i>[Signature]</i>

SCALE
1:1000
0 10m 20m



TOPOGRAPHIC MAP

DATE: _____
DRG NO : P
SHEET NO : 48



Government of Nepal
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Rural Connectivity Improvement Project (RCIP)
 Project Coordination Unit (PCU)
 Hutechok, Lalitpur
 Project Coordination Unit

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 CHECKED BY : *MB*
 APPROVED BY : *MB*

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 Joint Venture of
 New Baneshwor, Kathmandu
 2070

SCALE
 1:1000
 0 10m 20m

TOPOGRAPHIC MAP

DATE: _____
 DRG NO : P
 SHEET NO : 49

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425800 E
2977500 N

425800 E
2977400 N

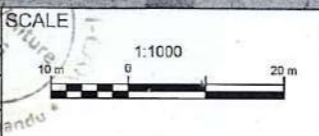


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TOPOGRAPHIC MAP

DATE: _____
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SHEET NO : 51





425
2977100 N

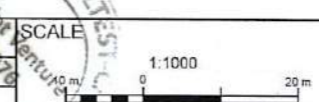
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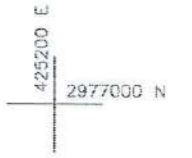
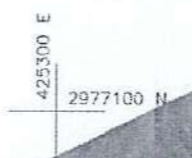
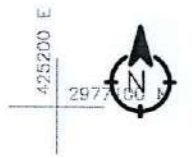
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TOPOGRAPHIC MAP

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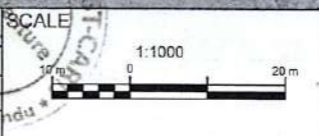


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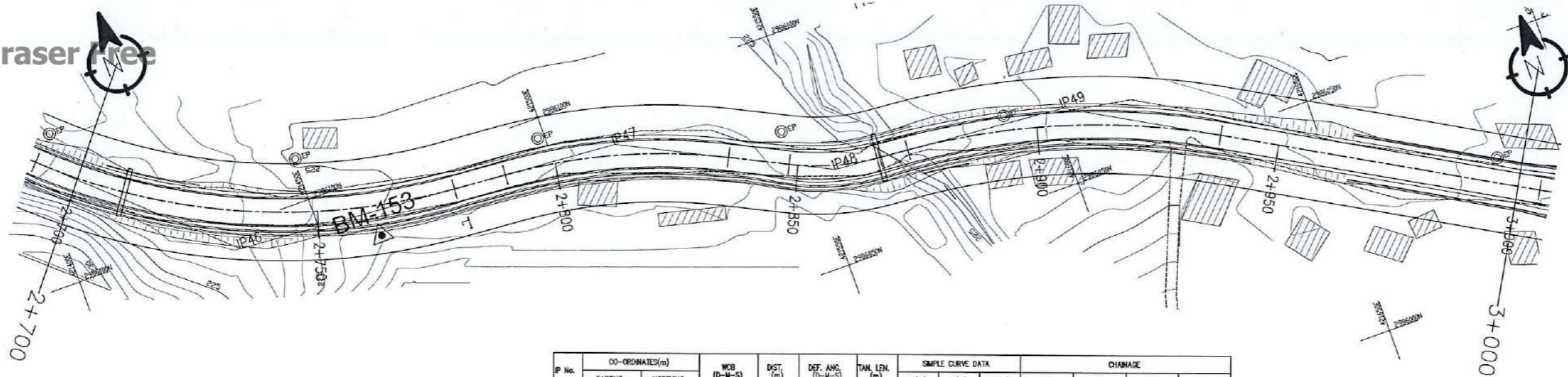
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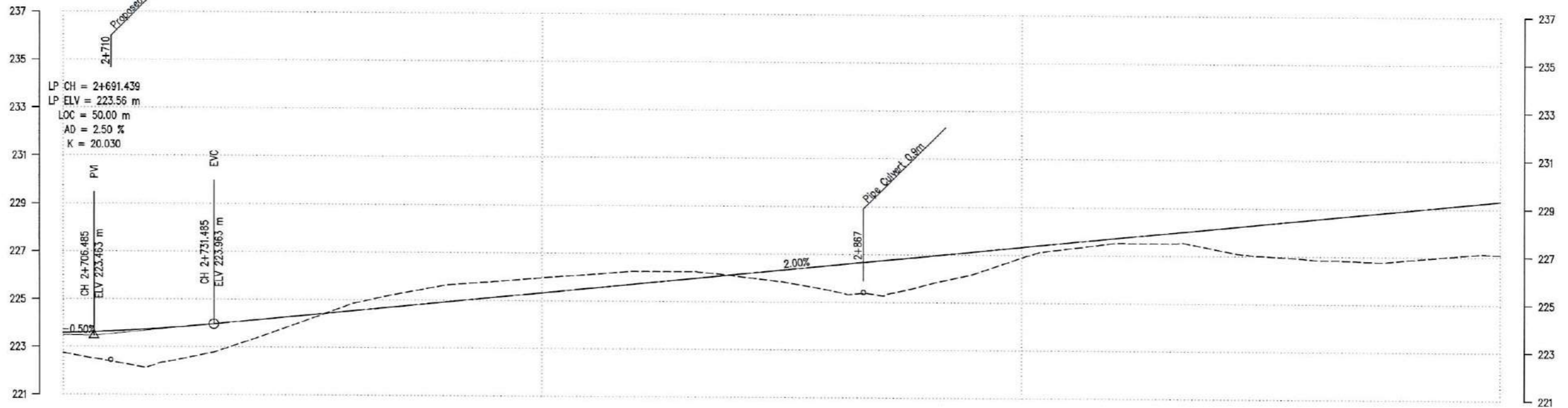
PLAN AND PROFILE

PLAN AND PROFILE: Main Alignment





P 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
46	421433.350	2986095.235	94-04-57.99	117.572	38-41-27.71	45.641	130.000	7.779	87.787	2+690.733	2+734.627	2+778.520	2+736.374
47	421513.111	2986089.541	116-13-13.17	79.964	22-08-15.18	23.475	120.000	2.275	46.365	2+789.367	2+812.550	2+835.732	2+812.843
48	421553.952	2986069.427	94-34-40.28	45.525	21-38-32.88	9.557	50.000	0.905	18.887	2+848.225	2+857.668	2+867.112	2+857.782
49	421602.281	2986065.556	119-21-41.53	48.484	24-47-1.25	32.957	150.000	3.578	64.884	2+873.081	2+905.523	2+937.965	2+906.039
50	421704.288	2986008.170	112-39-46.20	117.041	06-41-55.34	17.557	300.000	0.513	35.074	3+004.492	3+022.029	3+030.566	3+022.049



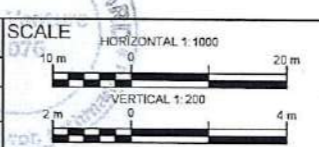
DESIGN LEVEL(m)	223.581	223.649	223.766	223.934	224.133	224.333	224.533	224.733	224.933	225.133	225.333	225.533	225.733	225.932	226.132	226.332	226.532	226.732	226.932	227.132	227.332	227.532	227.732	227.932	228.132	228.332	228.532	228.731	228.931	229.131	229.331	
EXISTING LEVEL(m)	222.749	222.386	222.312	222.720	223.349	224.072	224.814	225.264	225.637	225.792	225.962	226.107	226.242	226.244	226.084	225.850	225.497	225.308	225.742	226.206	226.888	227.282	227.520	227.511	227.295	227.015	226.888	226.817	226.855	227.033	227.098	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
RIGHT	IP-46 R=130.00		IP-47 R=120.00		IP-48 R=50.00		IP-49 R=150.00		NC		T		T		T		T		T		T		T		T		T		T		T	
LEFT	25		-2.5		2.5		-2.5		2.5		-2.5		2.5		-2.5		2.5		-2.5		2.5		-2.5		2.5		-2.5		2.5		-2.5	
SUPER ELEVATION	2+700		2+777.145		2+780.742		2+834.337		2+849.6		2+865.737		2+874.456		2+936.59		2+942.365		2+992.117		3+000		3+000		3+000		3+000		3+000		3+000	

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Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit
Pulchowk, Lalitpur

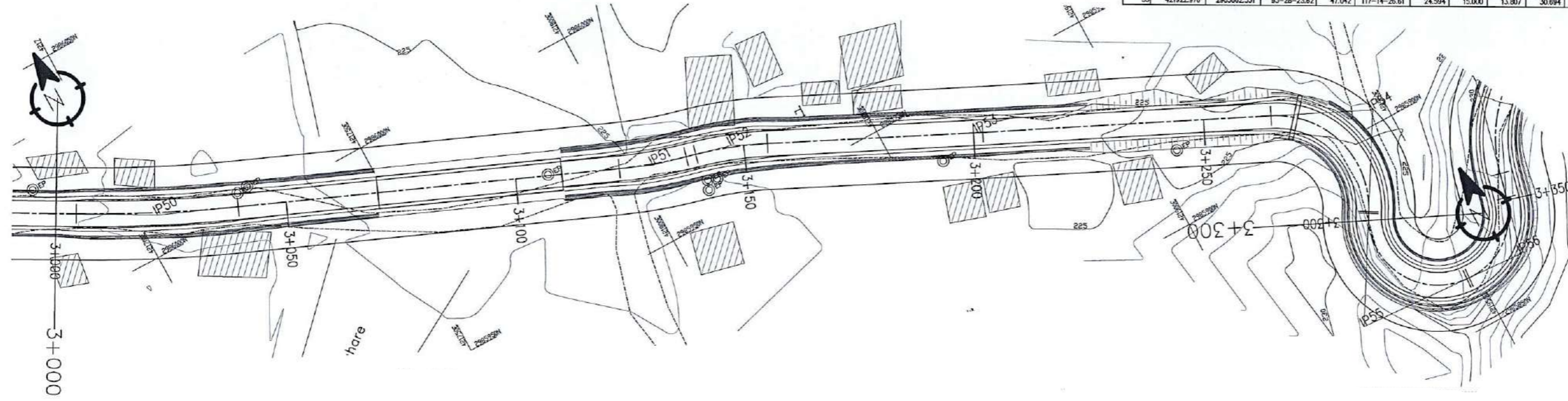
Consultant:
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254 Ekata Marg, New Baneshwor,
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DATE	REVISION	SIGNATURE	DESIGNED BY :	DRAWN BY :	CHECKED BY :	APPROVED BY :



IP No.	CO-ORDINATES(m)		WCB (0-M-S)	DST. (m)	DEF. ANG. (0-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
50	421704.288	2986008.170	112-39-46.20	117.041	06-41-55.34	17.557	300.000	0.513	35.074	3+004.492	3+022.029	3+039.566	3+022.049
51	421803.910	2985966.571	104-09-52.29	107.964	08-29-53.91	7.430	100.000	0.276	14.832	3+122.544	3+129.960	3+137.376	3+129.973
52	421820.841	2985962.299	115-25-10.83	17.456	11-15-18.53	7.883	80.000	0.387	15.715	3+139.519	3+147.376	3+155.234	3+147.402
53	421869.282	2985939.277	115-02-14.44	53.633	00-22-56.39	1.001	300.000	0.002	2.002	3+199.983	3+200.984	3+201.985	3+200.984
54	421947.003	2985902.974	210-42-50.24	85.781	95-40-35.80	22.067	20.000	9.796	33.397	3+264.679	3+281.378	3+298.076	3+286.766
55	421922.976	2985862.531	93-28-23.62	47.042	117-14-26.61	24.594	15.000	13.807	30.694	3+298.438	3+313.785	3+329.132	3+323.032

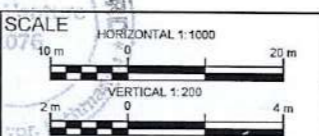


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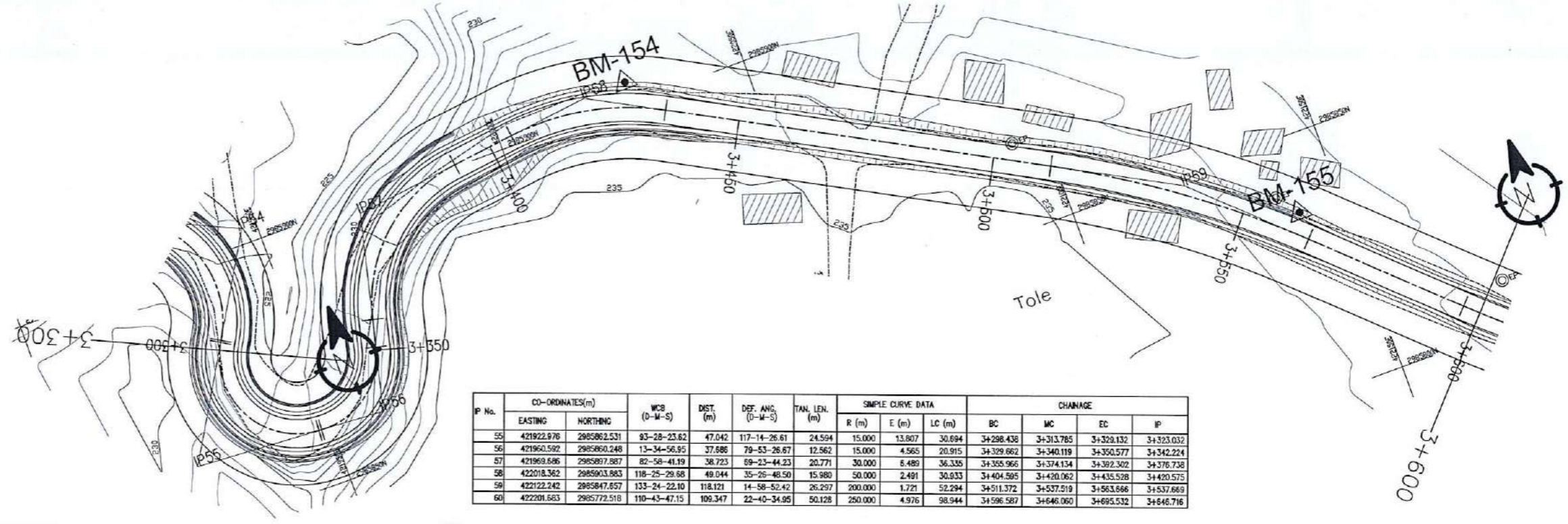
Plan & Profile

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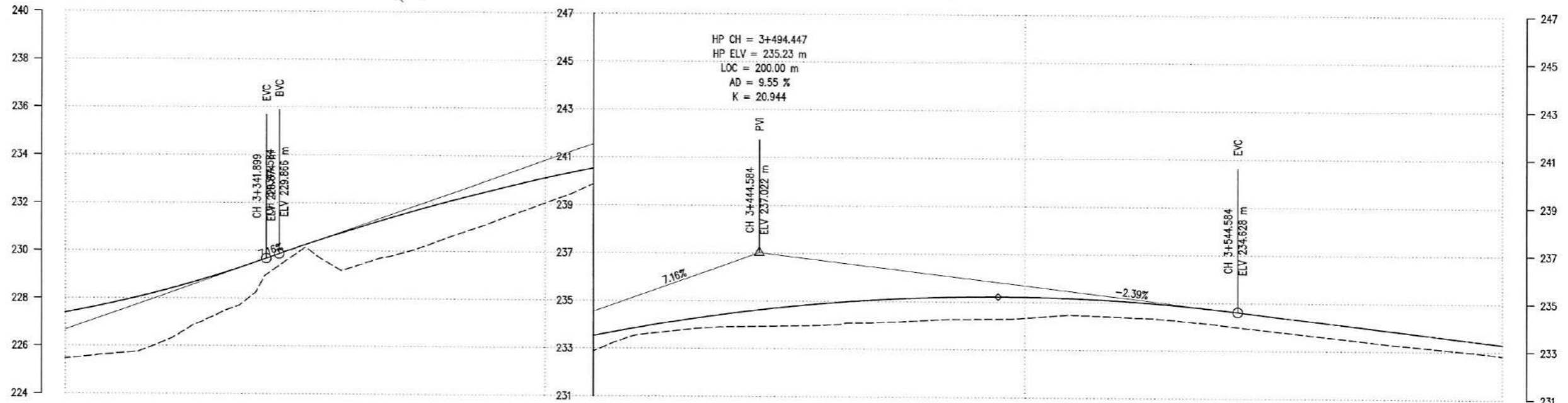
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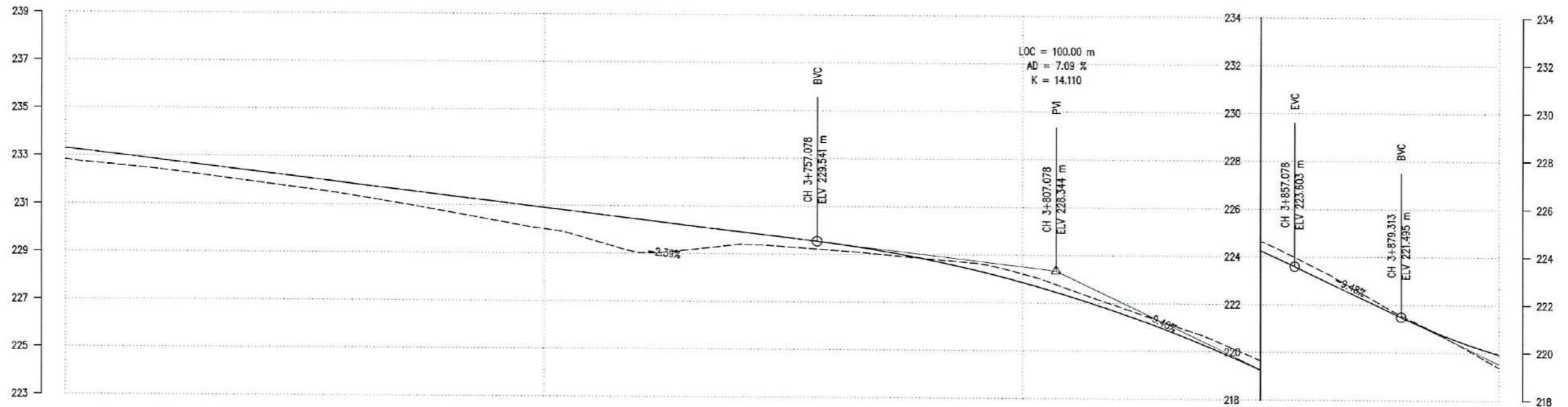
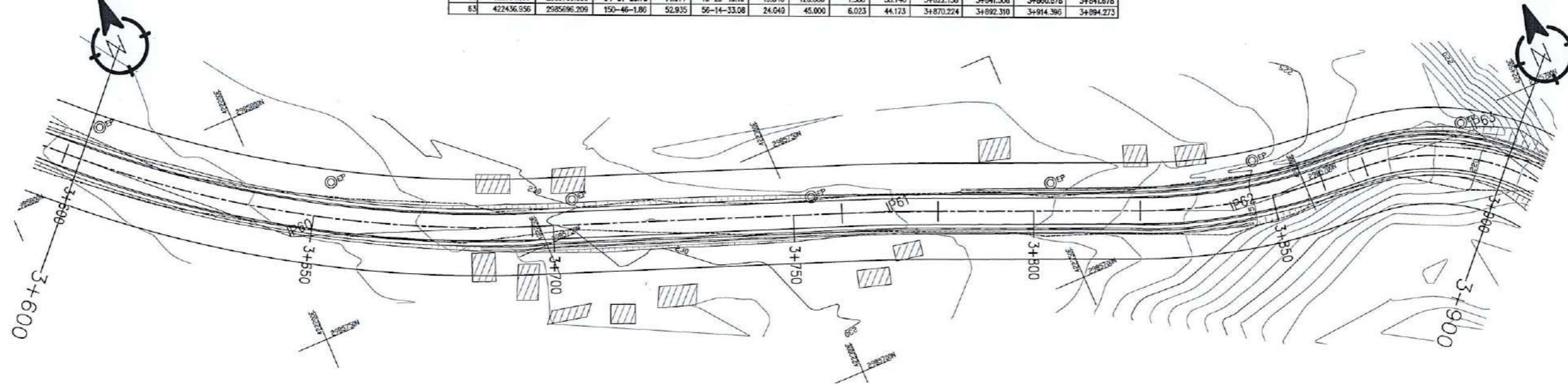


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHANGGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
55	421922.976	2985862.531	93-28-23.62	47.042	117-14-26.61	24.594	15.000	13.807	30.694	3+298.438	3+313.785	3+329.132	3+343.032
56	421960.592	2985860.248	13-34-56.95	37.686	79-53-26.67	12.562	15.000	4.565	20.915	3+329.662	3+340.119	3+350.577	3+362.224
57	421969.636	2985867.867	82-58-41.19	38.723	69-23-44.23	20.771	30.000	6.489	36.335	3+355.966	3+374.134	3+392.302	3+416.738
58	422018.362	2985863.863	118-25-29.68	49.044	35-25-48.50	15.980	50.000	2.491	30.933	3+404.595	3+420.062	3+435.528	3+450.575
59	422122.242	2985847.657	133-24-22.10	118.121	14-58-52.42	26.297	200.000	1.721	52.294	3+511.372	3+537.519	3+563.666	3+597.669
60	422201.683	2985772.518	110-43-47.15	109.347	22-40-34.95	50.128	250.000	4.976	98.944	3+596.587	3+646.060	3+695.532	3+746.716



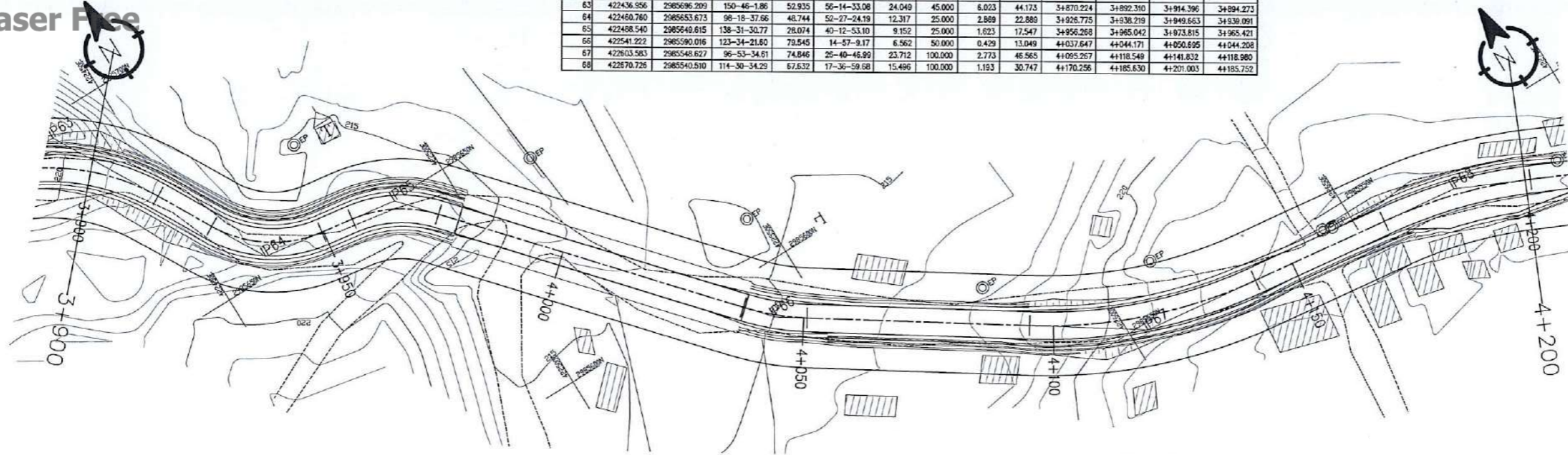
DESIGN LEVEL(m)	227.400	227.811	228.305	228.881	229.540	230.247	230.912	231.531	232.101	232.623	233.088	233.525	233.905	234.236	234.520	234.756	234.945	235.085	235.178	235.223	235.220	235.170	235.072	234.926	234.732	234.488	234.259	234.019	233.780	233.540	233.301					
EXISTING LEVEL(m)	225.471	225.668	226.146	227.189	228.372	230.137	229.329	229.910	230.589	231.322	232.056	232.875	233.683	233.810	233.921	233.956	234.019	234.125	234.225	234.284	234.341	234.478	234.397	234.291	234.104	233.877	233.659	233.439	233.230	233.046	232.830					
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		LEFT		IP-55 R=15.00		IP-56 R=15.00		IP-57 R=30.00		IP-58 R=50.00		IP-59 R=200.00		IP-60 R=250.00																					
SUPER ELEVATION	2.5		2.5		-2.5		T		-3		T		NC		T		-4		T		-4		T		3.5											

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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
60	422201.683	2985772.518	110-43-47.15	109.347	22-40-34.95	50.128	250.000	4.976	98.944	3+596.587	3+646.060	3+695.532	3+646.716
61	422318.275	2985728.392	113-01-17.93	124.663	02-17-30.79	10.002	500.000	0.100	20.000	3+770.065	3+770.065	3+780.066	3+770.067
62	422384.166	2985700.385	94-31-28.78	71.814	18-29-49.18	19.540	120.000	1.580	38.740	3+822.138	3+841.508	3+860.578	3+841.678
63	422436.956	2985696.209	150-46-1.86	52.935	56-14-33.08	24.040	45.000	6.023	44.173	3+870.224	3+892.310	3+914.386	3+894.273



DESIGN LEVEL(m)	233.501	233.062	232.822	232.583	232.344	232.104	231.865	231.625	231.386	231.147	230.907	230.668	230.428	230.189	229.950	229.710	229.468	229.172	228.806	228.369	227.850	227.281	226.632	225.911	225.119	224.257	223.326	222.378	221.431	220.590	219.940																																																																																																	
EXISTING LEVEL(m)	232.830	232.620	232.420	232.167	231.911	231.661	231.380	231.053	230.708	230.353	230.017	229.557	229.023	228.455	227.979	227.512	227.173	226.813	226.358	225.821	225.272	224.692	224.190	223.695	223.199	222.610	222.010	221.401	220.780	220.148	219.504																																																																																																	
CHAINAGE(Km)	3+600	3+610	3+620	3+630	3+640	3+650	3+660	3+670	3+680	3+690	3+700	3+710	3+720	3+730	3+740	3+750	3+760	3+770	3+780	3+790	3+800	3+810	3+820	3+830	3+840	3+850	3+860	3+870	3+880	3+890	3+900																																																																																																	
HORIZONTAL ALIGNMENT	RIGHT																	IP-61 R=500.00																	IP-63 R=45.00																																																																																													
	LEFT	IP-60 R=250.00																																IP-62 R=120.00																																																																																														
SUPER ELEVATION	3.5																T																NC																T																2.5																T																-2.5																															
	3+600																3+692.324																3+708.824																3+817.738																3+823.513																3+859.503																3+871.599																3+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	P
63	422436.956	2985696.209	150-46-1.86	52.935	56-14-33.08	24.049	45.000	6.023	44.173	3+870.224	3+892.310	3+914.396	3+894.273
64	422460.760	2985653.673	96-18-37.66	48.744	52-27-24.19	12.317	25.000	2.869	22.889	3+926.775	3+938.219	3+949.663	3+939.091
65	422488.540	2985649.615	138-31-30.77	28.074	40-12-53.10	9.152	25.000	1.623	17.547	3+956.268	3+965.042	3+973.815	3+965.421
66	422541.222	2985590.016	123-34-21.60	79.545	14-57-9.17	6.562	50.000	0.429	13.049	4+037.647	4+044.171	4+050.695	4+044.208
67	422603.583	2985548.627	96-53-34.61	74.846	26-40-46.99	23.712	100.000	2.773	46.565	4+095.257	4+118.549	4+141.832	4+118.980
68	422670.726	2985540.510	114-30-34.29	67.632	17-36-59.68	15.496	100.000	1.193	30.747	4+170.256	4+185.630	4+201.003	4+185.752

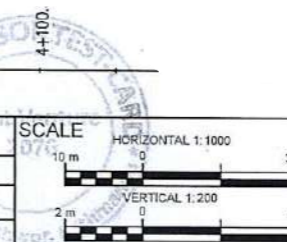


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 Project Coordination Unit (PCU)
 Pulchowk, Lalitpur

Consultant:
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 254 Ekata Marg, New Baneshwor,
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 Phone: 977-1-4104307
 Email: info@aviyaan.com

Jagadi - Dhansari -
 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli

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

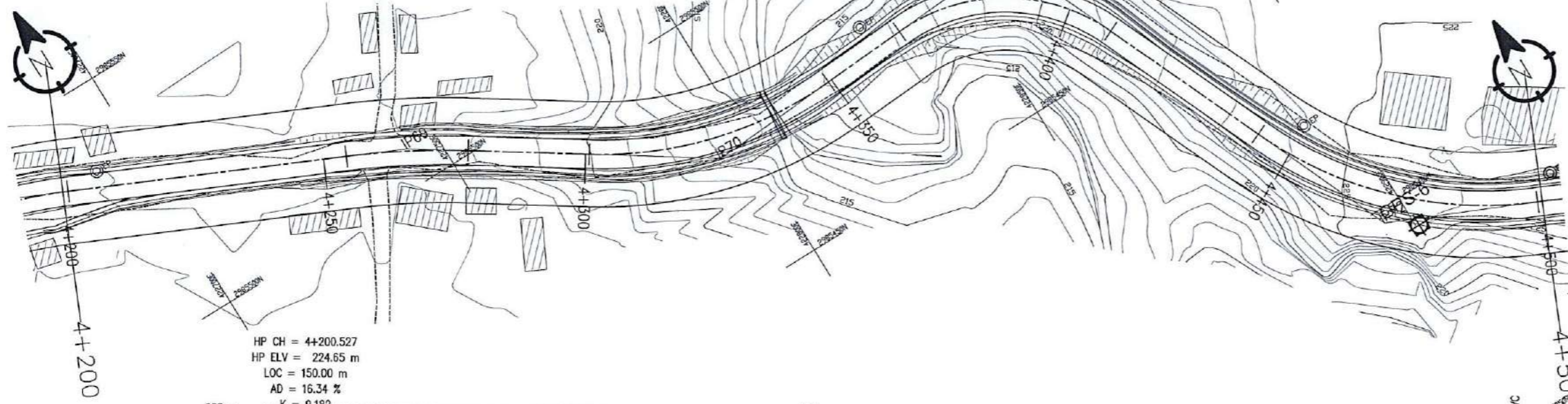


Plan & Profile
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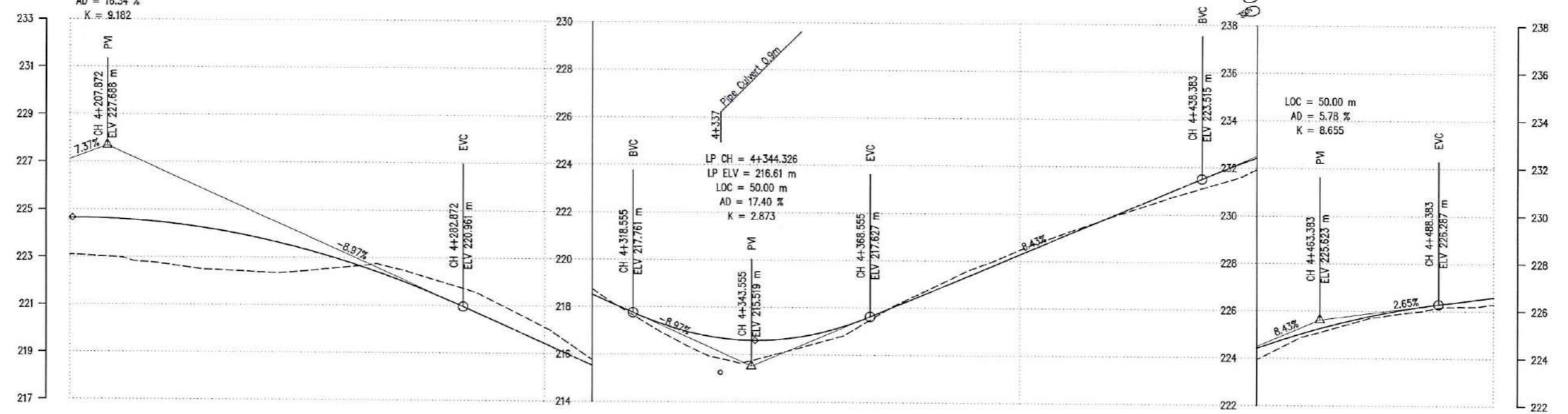
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 DRG NO : PP
 SHEET NO : 14

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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
68	422670.726	2985540.510	114-30-34.29	67.632	17-36-59.68	15.486	100.000	1.193	30.747	4+170.256	4+185.630	4+201.003	4+185.752
69	422744.000	2985507.102	123-23-40.48	80.530	08-53-6.19	11.854	150.000	0.482	23.261	4+254.384	4+266.014	4+277.645	4+266.038
70	422734.000	2985474.140	86-14-59.43	59.887	37-09-41.05	25.200	75.000	4.120	48.622	4+300.678	4+324.989	4+349.301	4+325.878
71	422860.258	2985478.483	156-40-6.82	66.401	70-25-7.39	24.698	35.000	7.837	43.016	4+365.803	4+387.311	4+408.819	4+390.501
72	422895.225	2985397.414	113-47-7.48	88.288	42-52-59.34	29.455	75.000	5.577	56.134	4+442.954	4+471.021	4+499.088	4+472.400
73	422948.788	2985373.806	157-40-27.01	58.535	43-53-19.53	28.203	70.000	5.466	53.620	4+499.966	4+526.776	4+553.586	4+528.168

PDF Eraser



HP CH = 4+200.527
 HP ELV = 224.65 m
 LOC = 150.00 m
 AD = 16.34 %
 K = 9.182



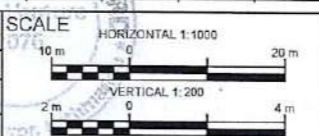
DESIGN LEVEL(m)	224.654	224.605	224.447	224.181	223.805	223.321	222.728	222.026	221.214	220.322	219.425	218.528	217.635	216.963	216.638	216.662	217.033	217.749	218.592	219.435	220.278	221.122	221.965	222.808	223.650	224.417	225.068	225.603	226.024	226.330	226.595	
EXISTING LEVEL(m)	223.101	222.985	222.707	222.476	222.380	222.439	222.641	222.489	221.897	221.121	220.104	218.762	217.474	216.353	215.700	216.095	216.647	217.559	218.716	219.666	220.476	221.221	221.935	222.593	223.208	223.932	224.918	225.479	225.881	226.180	226.301	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	T		NC		T		-4.5		T		3		T		-4.5		T		NC		T		2.5		T		T		T		T	

Government of Nepal
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 Project Coordination Unit (PCU)
 Pulechowk, Lalitpur

Consultant:
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 Email: info@aviyaan.com

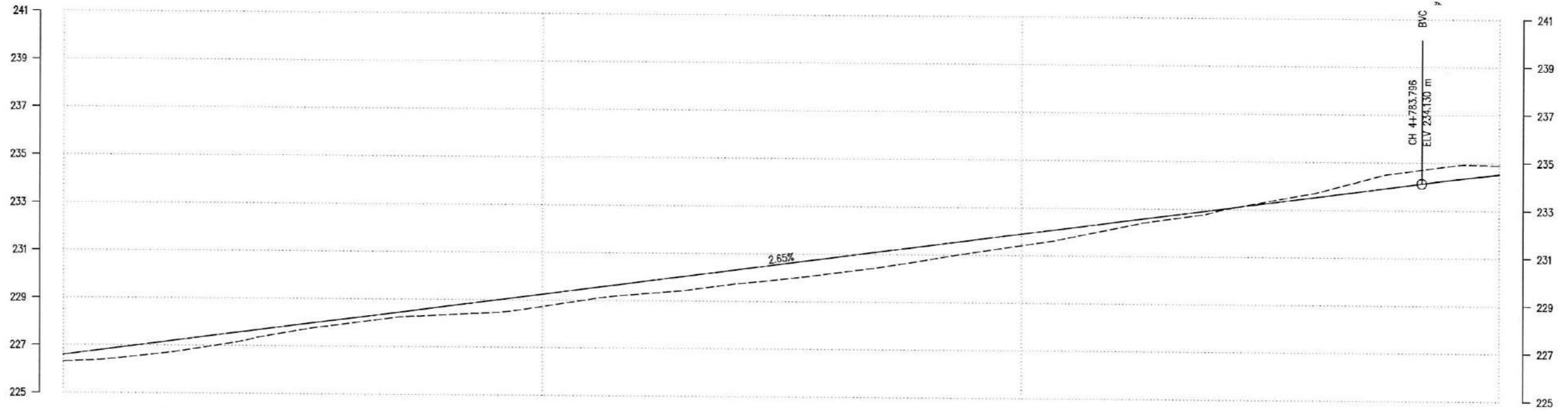
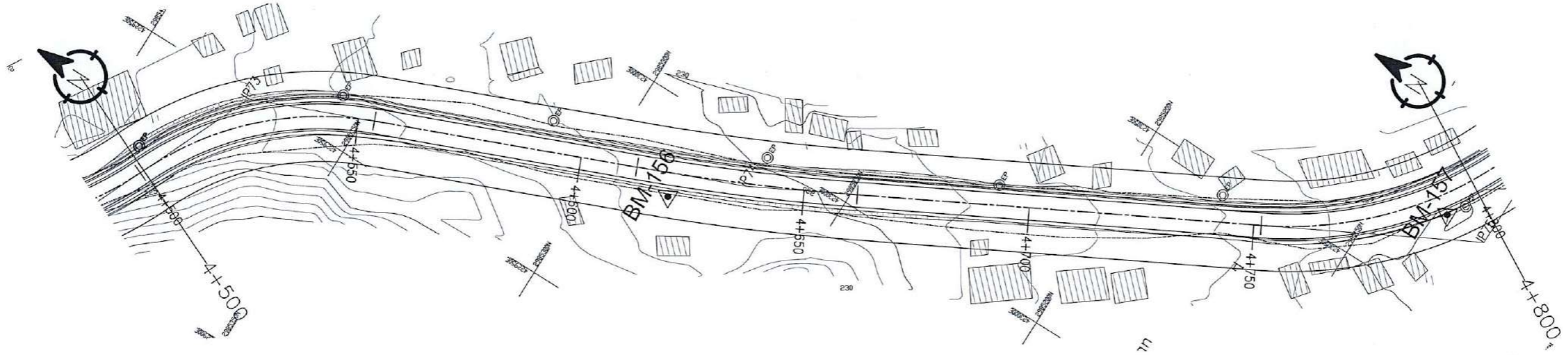
Jagadi - Dhansari -
 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli

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



Plan & Profile
 4+200-4+500
 DATE:
 DRG-NO : PP
 SHEET NO : 15

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
73	422948.788	2985373.806	157-40-27.01	58.535	43-53-19.53	28.203	70.000	5.468	53.620	44499.966	44526.776	44553.586	44528.168
74	422991.272	2985270.354	152-02-35.05	111.835	05-37-51.96	24.590	500.000	0.604	49.141	44512.628	44637.190	44661.789	44637.219
75	423068.165	2985125.476	91-32-45.02	164.018	60-29-50.04	42.568	85.000	13.397	89.749	44751.630	44798.504	44841.379	44801.197



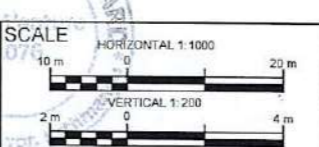
DESIGN LEVEL(m)	226.595	226.651	227.126	227.392	227.657	227.923	228.188	228.454	228.719	228.985	229.250	229.516	229.781	230.047	230.312	230.578	230.843	231.109	231.374	231.640	231.905	232.171	232.436	232.702	232.967	233.233	233.498	233.764	234.029	234.288	234.512	
EXISTING LEVEL(m)	226.301	226.435	226.655	226.948	227.327	227.701	227.978	228.258	228.350	228.468	228.734	229.052	229.275	229.454	229.729	229.934	230.185	230.452	230.778	231.111	231.417	231.759	232.179	232.546	232.870	233.287	233.653	234.170	234.602	234.873	234.898	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	-2.5		NC		2.5		NC		-2.5		NC		2.5		NC		-2.5		NC		2.5		NC		-2.5		NC		2.5		NC	

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 Email: info@aviyaan.com

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 (Province No - 2 Connecting)
 Road, Sindhuli

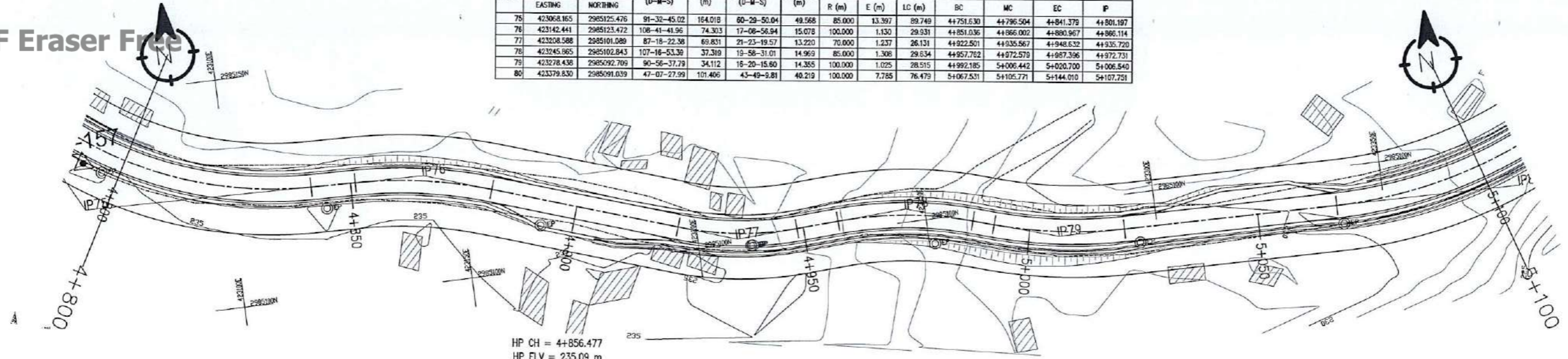
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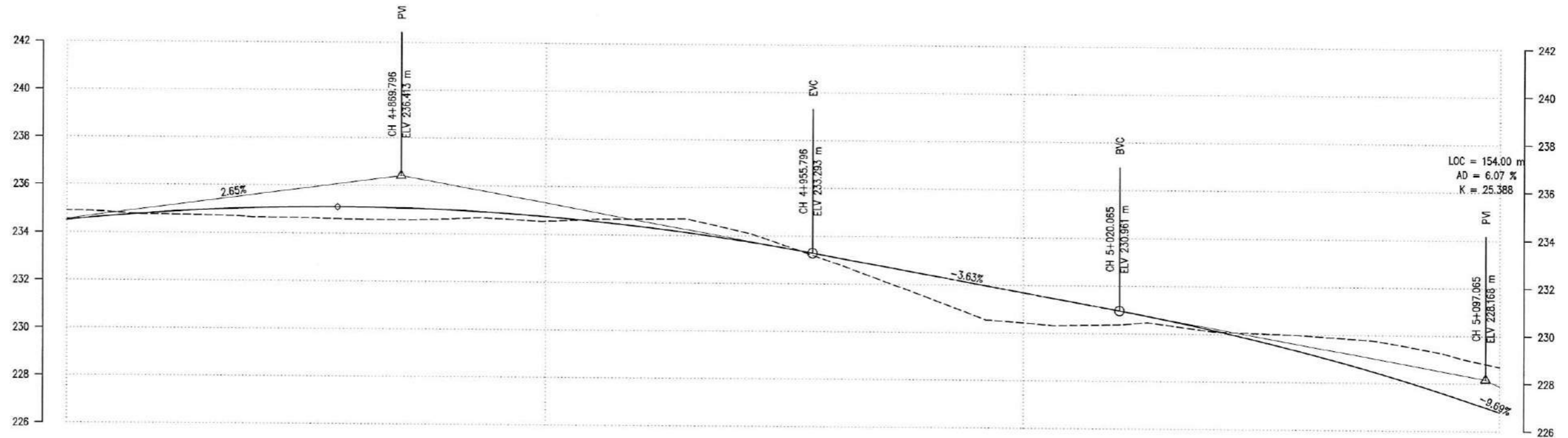
Plan & Profile
 4+500-4+800

DATE:
 DRG NO : PP
 SHEET NO : 16

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P
75	423068.165	2985125.476	91-32-45.02	164.018	60-29-50.04	49.568	85.000	13.397	89.749	44751.630	44796.504	44841.379	44886.197
76	423142.441	2985123.472	108-41-41.96	74.303	17-08-56.94	15.078	100.000	1.130	29.031	44851.036	44866.002	44880.967	44886.114
77	423208.588	2985101.089	87-18-22.38	69.831	21-23-19.57	13.220	70.000	1.237	26.131	44922.501	44935.567	44948.632	44935.720
78	423245.865	2985102.843	107-16-53.30	37.319	19-58-31.01	14.969	85.000	1.308	29.634	44957.762	44972.579	44987.396	44972.731
79	423278.438	2985092.709	90-56-37.79	34.112	16-20-15.60	14.355	100.000	1.025	28.515	44992.185	44996.442	44996.700	44996.540
80	423379.830	2985091.039	47-07-27.99	101.406	43-49-9.81	40.219	100.000	7.785	76.479	45067.531	45105.771	45144.010	45107.751



HP CH = 4+856.477
 HP ELV = 235.09 m
 LOC = 172.00 m
 AD = 6.28 %
 K = 27.375



DESIGN LEVEL(m)	234.512	234.700	234.852	234.967	235.045	235.087	235.093	235.061	234.994	234.890	234.749	234.572	234.358	234.107	233.821	233.497	233.141	232.778	232.415	232.052	231.689	231.327	230.964	230.581	230.160	229.699	229.198	228.659	228.079	227.461	226.803
EXISTING LEVEL(m)	234.898	234.837	234.761	234.734	234.657	234.639	234.589	234.583	234.625	234.646	234.554	234.648	234.672	234.670	234.215	233.601	232.913	232.188	231.455	230.704	230.434	230.340	230.377	230.370	230.105	230.040	229.957	229.826	229.556	229.151	228.700
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	IP-75 R=85.00																	IP-76 R=100.00		IP-77 R=70.00		IP-78 R=85.00		IP-79 R=100.00		IP-80 R=100.00					
SUPER ELEVATION	2.5	T	-2.5	T	NC	T	2.5	T	-2.5	T	2.5	T	-2.5	T	2.5	T	NC	T	5.5												

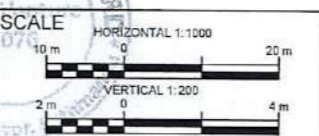


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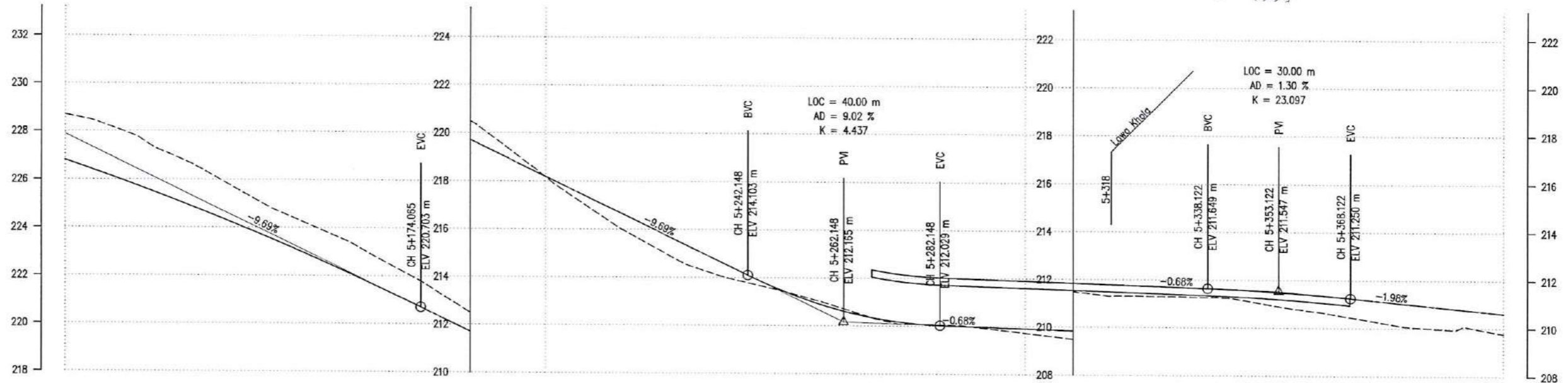
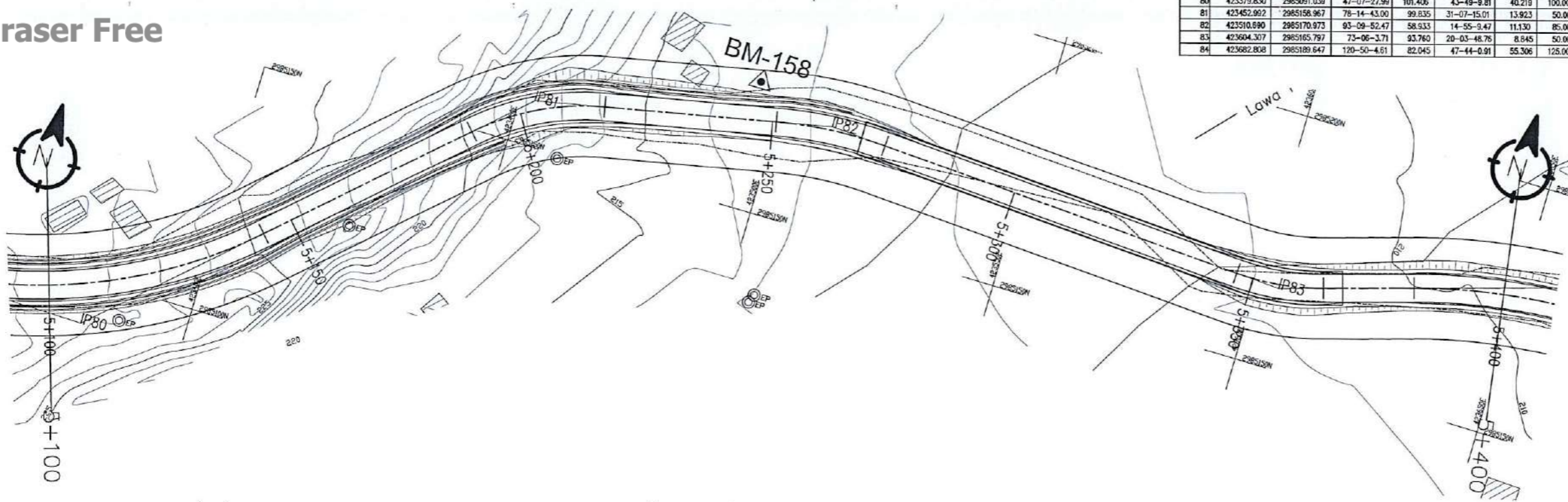
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 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli

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 4+800-5+100
 DATE:
 DRG NO : PP
 SHEET NO : 17

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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	
80	423379.830	2985091.039	47-07-27.99	101.406	43-49-8.81	40.218	100.000	7.785	76.479	5+1067.531	5+105.771	5+144.010	5+107.751	
81	423452.992	2985158.967	76-14-43.00	99.835	31-07-15.01	13.923	50.000	1.902	27.158	5+189.703	5+203.282	5+216.861	5+203.626	
82	423510.890	2985170.973	93-09-52.47	58.933	14-55-9.47	11.130	85.000	0.726	22.133	5+250.742	5+261.809	5+272.875	5+261.872	
83	423604.307	2985165.797	73-06-3.71	93.760	20-03-48.76	8.845	50.000	0.776	17.509	5+345.861	5+355.415	5+364.169	5+355.506	
84	423682.808	2985189.647	120-50-4.61	82.045	47-44-0.91	55.306	125.000	11.688	104.139	5+382.063	5+434.133	5+486.202	5+437.369	



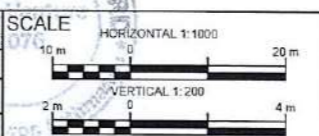
DESIGN LEVEL(m)	226.803	226.105	225.369	224.593	223.777	222.922	222.028	221.094	220.128	219.159	218.189	217.220	216.250	215.281	214.312	213.412	212.732	212.278	212.049	211.976	211.908	211.840	211.772	211.704	211.635	211.538	211.397	211.213	211.016	210.818	210.620	
EXISTING LEVEL(m)	228.700	228.153	227.192	226.260	225.135	224.194	223.319	222.226	221.045	219.885	218.175	216.773	215.540	214.490	213.887	213.413	212.849	212.246	212.063	211.957	211.725	211.488	211.313	211.298	211.263	211.006	210.706	210.391	210.060	209.934	209.770	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	5.5		T		-7		T		-6		T		NC		T		7		T		-2.5		T		-2.5		T		-2.5			

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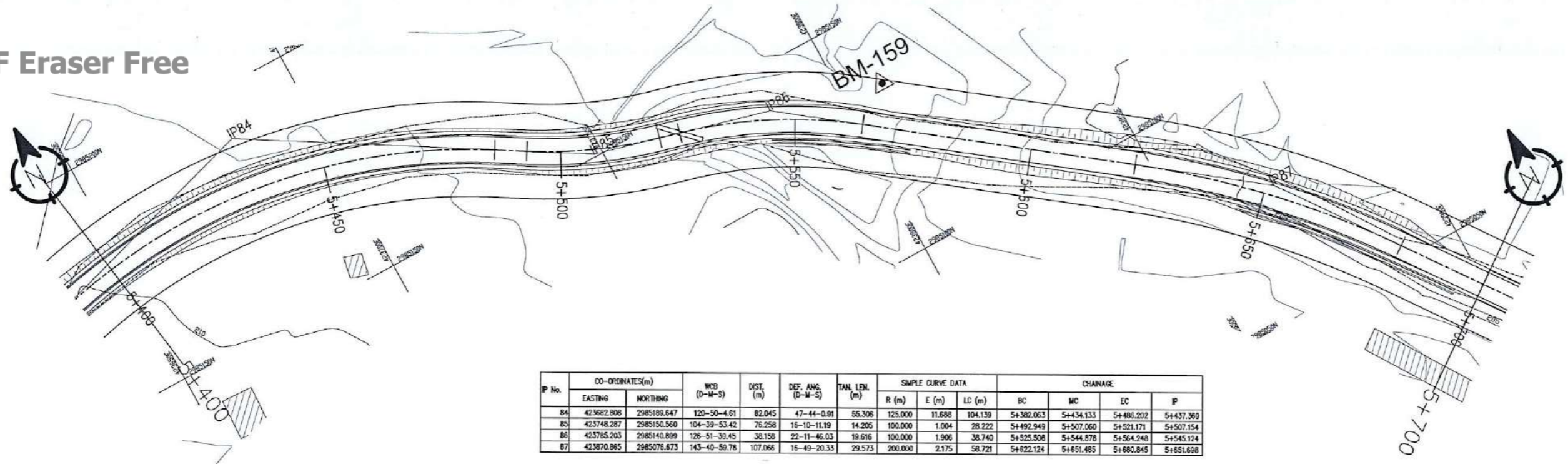
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 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli

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

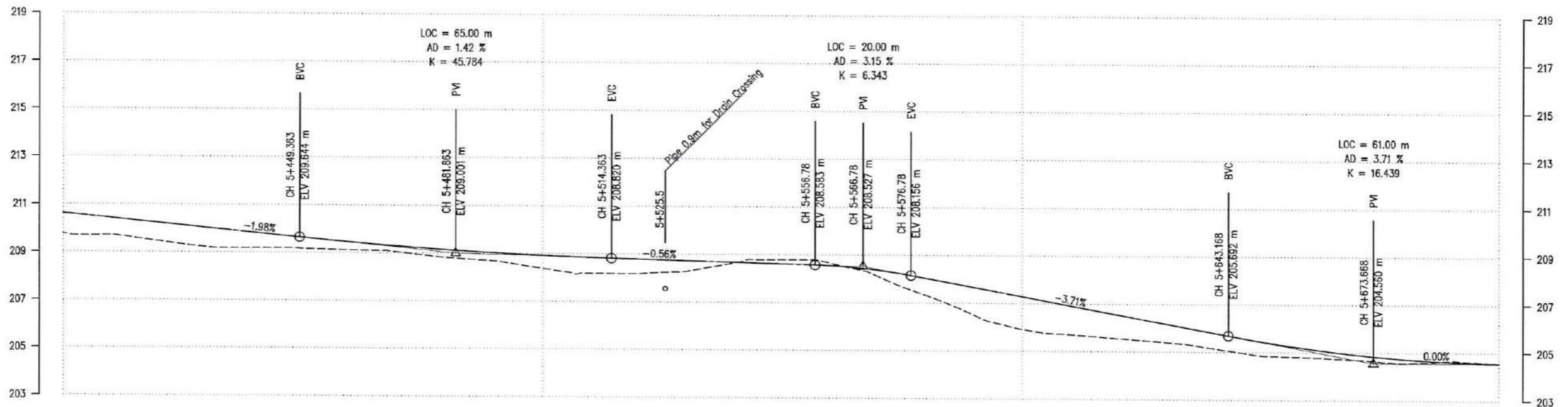


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DATE:
 DRG NO : PP
 SHEET NO : 18

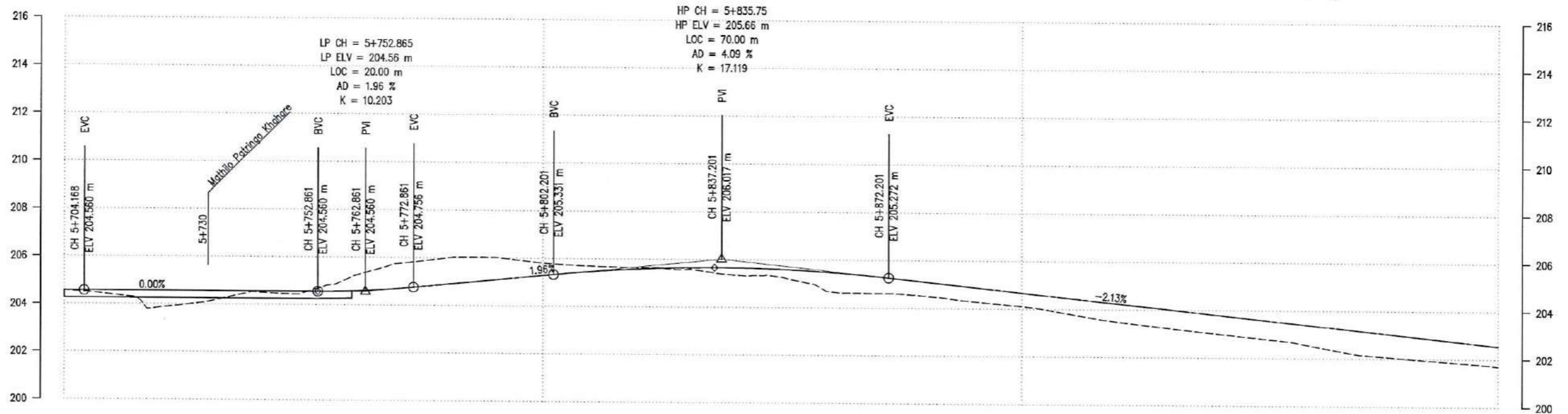
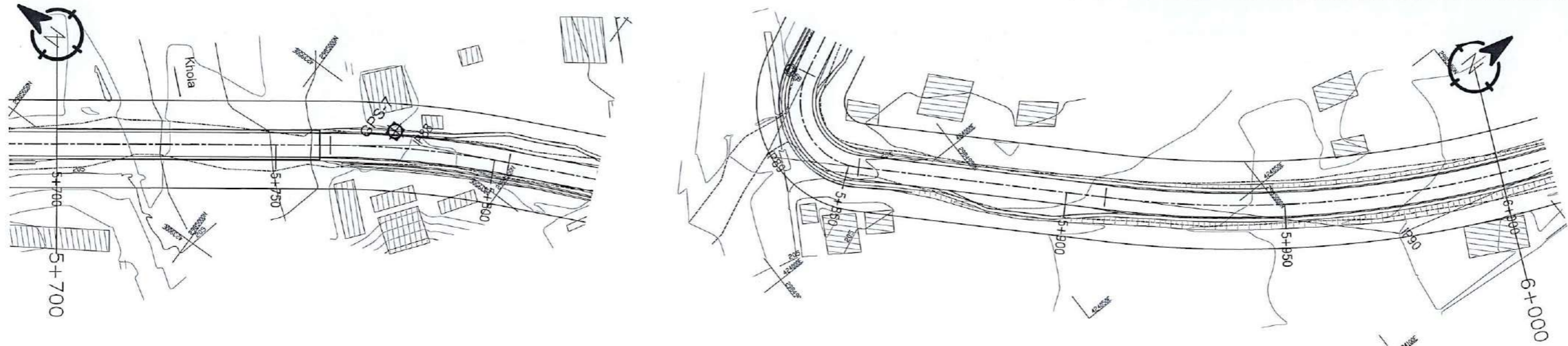


IP No.	CO-ORDINATES(m)		WCS (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHANGAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
84	423682.808	2985188.647	120-50-4.61	82.045	47-44-0.91	55.306	125.000	11.688	104.139	5+382.063	5+434.133	5+486.202	5+437.369
85	423748.287	2985150.560	104-39-53.42	76.258	16-10-11.19	14.205	100.000	1.004	28.222	5+492.940	5+507.060	5+521.171	5+507.154
86	423785.203	2985140.899	126-51-30.45	38.158	22-11-46.03	19.616	100.000	1.906	38.740	5+525.508	5+544.878	5+564.248	5+545.124
87	423870.865	2985076.673	143-40-59.78	107.066	16-49-20.33	29.573	200.000	2.175	58.721	5+622.124	5+651.485	5+680.845	5+651.698



DESIGN LEVEL(m)	210.620	210.422	210.224	210.027	209.829	209.631	209.446	209.282	209.140	209.020	208.922	208.846	208.788	208.732	208.677	208.621	208.557	208.371	208.036	207.665	207.294	206.923	206.552	206.181	205.810	205.453	205.154	204.915	204.738	204.621	204.566	
EXISTING LEVEL(m)	209.770	209.701	209.454	209.217	209.182	209.164	209.114	209.033	208.810	208.677	208.376	208.182	208.179	208.283	208.652	208.784	208.854	208.103	207.320	206.499	205.924	205.704	205.558	205.404	205.155	204.857	204.794	204.703	204.567	204.674	204.557	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	-2.5		T		2.5		T		-2.5		T		NC		T		-4		T		NC		T		NC		T		NC			

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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
87	423870.865	2985076.673	143-40-59.78	107.066	15-49-20.33	29.573	200.000	2.175	58.721	5+622.124	5+651.485	5+680.845	5+651.698
88	423948.827	2984970.606	154-21-7.27	131.637	10-40-7.48	20.542	220.000	0.657	40.965	5+762.368	5+782.850	5+803.333	5+782.910
89	423975.687	2984914.686	44-48-50.31	62.053	109-32-16.95	21.239	15.000	11.002	28.677	5+823.605	5+837.943	5+852.282	5+844.344
90	424078.596	2985018.248	14-19-44.18	146.014	30-29-6.13	68.123	250.000	9.115	133.018	5+908.933	5+925.441	5+941.949	5+927.056



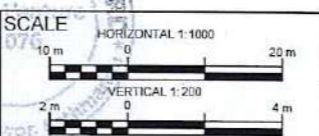
DESIGN LEVEL(m)	204.566	204.560	204.560	204.560	204.560	204.560	204.565	204.704	204.896	205.092	205.288	205.466	205.587	205.650	205.654	205.600	205.488	205.317	205.106	204.893	204.680	204.467	204.254	204.041	203.828	203.615	203.402	203.189	202.976	202.763	202.550
EXISTING LEVEL(m)	204.557	204.394	203.864	204.112	204.523	204.512	205.184	205.754	205.993	206.024	205.808	205.692	205.648	205.577	205.348	205.269	204.676	204.623	204.515	204.297	204.117	203.912	203.495	203.254	203.036	202.828	202.558	202.188	202.024	201.879	201.707
CHAINAGE(Km)	5+700	5+710	5+720	5+730	5+740	5+750	5+760	5+770	5+780	5+790	5+800	5+810	5+820	5+830	5+840	5+850	5+860	5+870	5+880	5+890	5+900	5+910	5+920	5+930	5+940	5+950	5+960	5+970	5+980	5+990	6+000
HORIZONTAL ALIGNMENT	RIGHT																	LEFT													
SUPER ELEVATION	NC																	T													

Government of Nepal
 Ministry of Federal Affairs and General Administration
 Department of Local Infrastructure (DoLI)
 Rural Connectivity Improvement Project (RCIP)
 Project Coordination Unit (PCU)
 Pulchowk, Lalitpur

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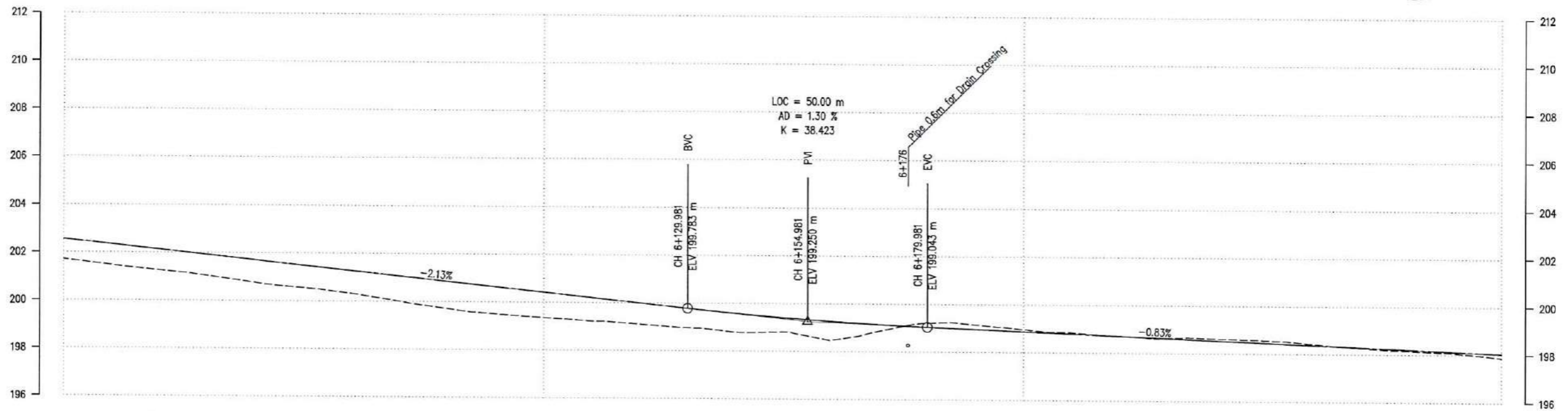
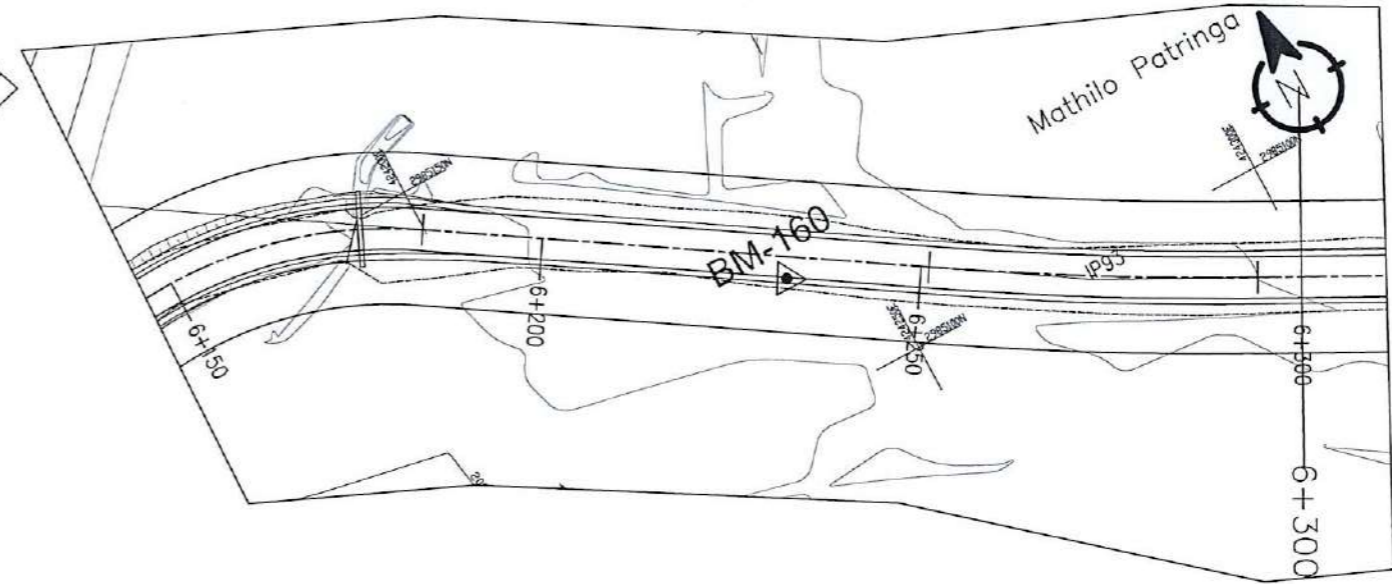
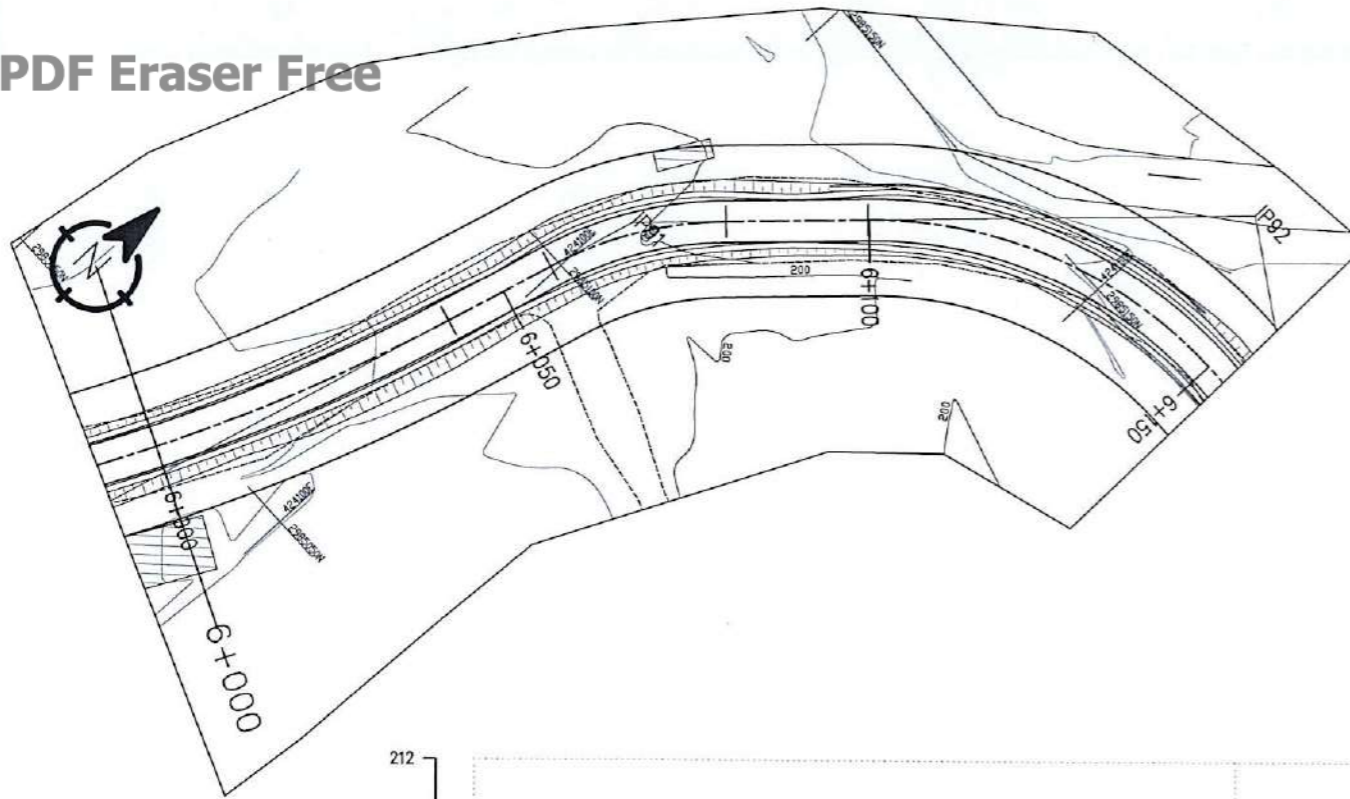
Jagadi - Dhansari -
 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli

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



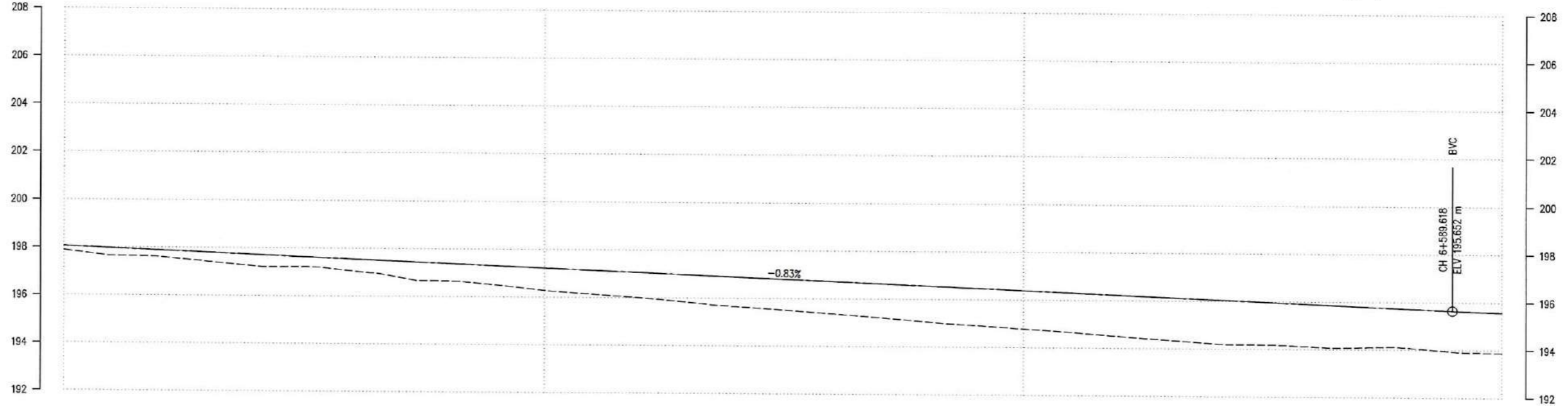
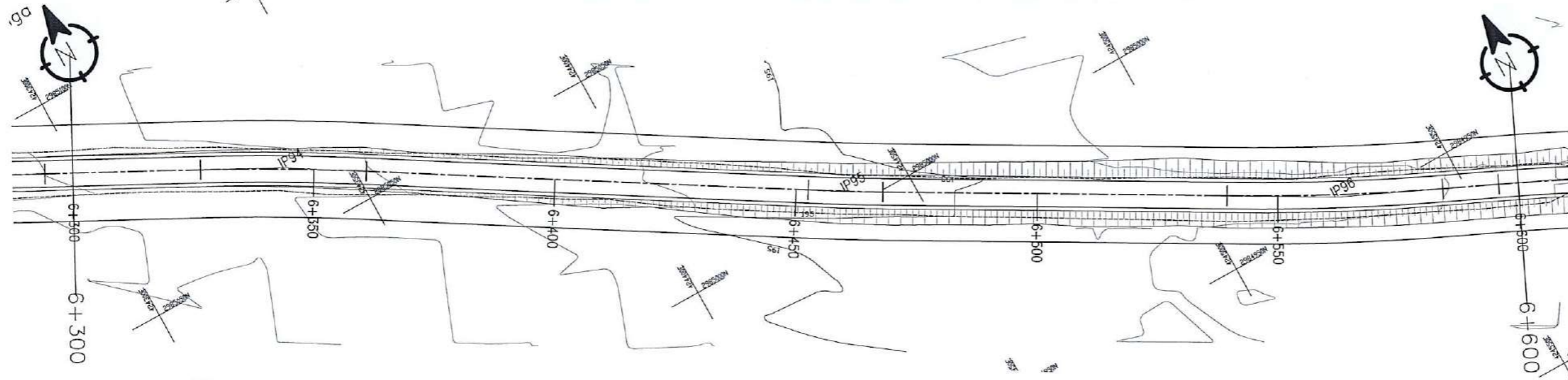
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IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
90	424078.598	2985018.248	14-18-44.18	146.014	30-29-6.13	68.123	250.000	9.115	133.016	5+908.933	5+975.441	6+041.949	5+977.056
91	424102.231	2985110.768	41-49-50.29	95.490	27-30-6.11	12.236	50.000	1.475	24.000	6+057.061	6+069.061	6+081.061	6+069.317
92	424156.864	2985171.806	122-27-2.26	81.917	80-37-11.97	50.902	60.000	18.683	84.425	6+098.061	6+142.073	6+184.286	6+150.763
93	424274.394	2985097.074	117-30-19.90	139.276	04-56-42.37	21.590	500.000	0.466	43.154	6+251.071	6+272.648	6+294.225	6+272.662



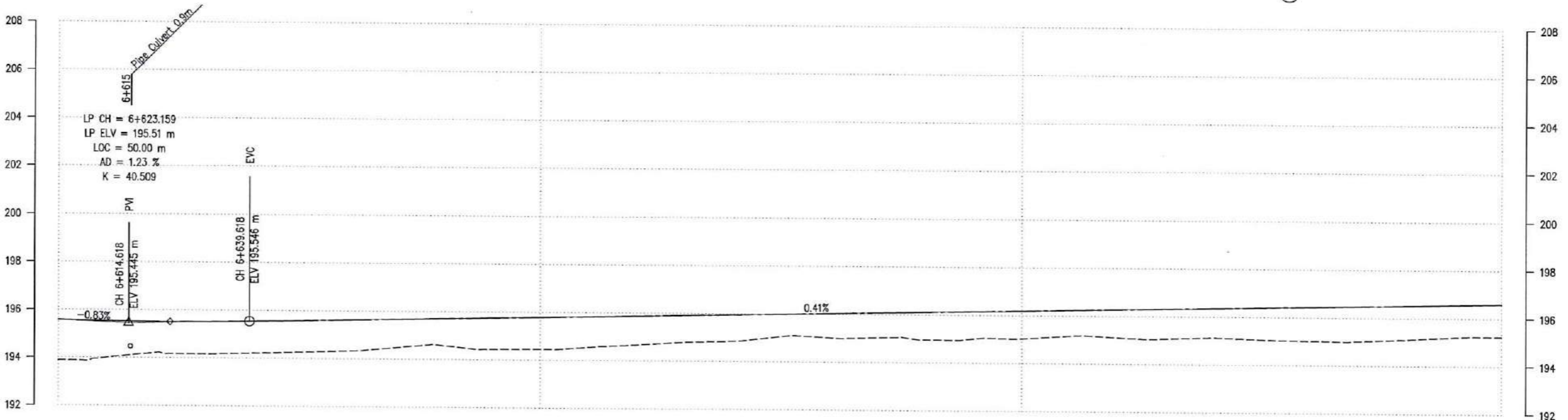
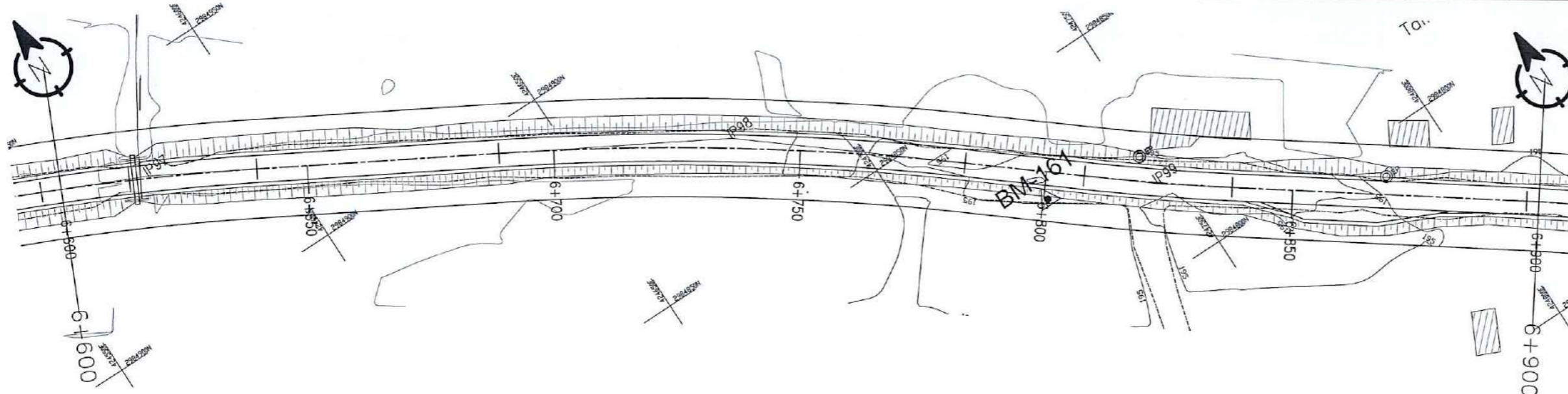
DESIGN LEVEL(m)	202.550	202.337	202.125	201.912	201.699	201.486	201.273	201.060	200.847	200.634	200.421	200.208	199.995	199.782	199.569	199.356	199.143	189.930	198.717	198.504	198.291	198.078	197.865	197.652	197.439	197.226	197.013	196.800	196.587	196.374	196.161	195.948	195.735	195.522	195.309	195.096	194.883	194.670	194.457	194.244	194.031	193.818	193.605	193.392	193.179	192.966	192.753	192.540	192.327	192.114	191.901	191.688	191.475	191.262	191.049	190.836	190.623	190.410	190.197	189.984	189.771	189.558	189.345	189.132	188.919	188.706	188.493	188.280	188.067	187.854	187.641	187.428	187.215	187.002	186.789	186.576	186.363	186.150	185.937	185.724	185.511	185.298	185.085	184.872	184.659	184.446	184.233	184.020	183.807	183.594	183.381	183.168	182.955	182.742	182.529	182.316	182.103	181.890	181.677	181.464	181.251	181.038	180.825	180.612	180.399	180.186	179.973	179.760	179.547	179.334	179.121	178.908	178.695	178.482	178.269	178.056	177.843	177.630	177.417	177.204	176.991	176.778	176.565	176.352	176.139	175.926	175.713	175.500	175.287	175.074	174.861	174.648	174.435	174.222	174.009	173.796	173.583	173.370	173.157	172.944	172.731	172.518	172.305	172.092	171.879	171.666	171.453	171.240	171.027	170.814	170.601	170.388	170.175	169.962	169.749	169.536	169.323	169.110	168.897	168.684	168.471	168.258	168.045	167.832	167.619	167.406	167.193	166.980	166.767	166.554	166.341	166.128	165.915	165.702	165.489	165.276	165.063	164.850	164.637	164.424	164.211	163.998	163.785	163.572	163.359	163.146	162.933	162.720	162.507	162.294	162.081	161.868	161.655	161.442	161.229	161.016	160.803	160.590	160.377	160.164	159.951	159.738	159.525	159.312	159.099	158.886	158.673	158.460	158.247	158.034	157.821	157.608	157.395	157.182	156.969	156.756	156.543	156.330	156.117	155.904	155.691	155.478	155.265	155.052	154.839	154.626	154.413	154.200	153.987	153.774	153.561	153.348	153.135	152.922	152.709	152.496	152.283	152.070	151.857	151.644	151.431	151.218	151.005	150.792	150.579	150.366	150.153	149.940	149.727	149.514	149.301	149.088	148.875	148.662	148.449	148.236	148.023	147.810	147.597	147.384	147.171	146.958	146.745	146.532	146.319	146.106	145.893	145.680	145.467	145.254	145.041	144.828	144.615	144.402	144.189	143.976	143.763	143.550	143.337	143.124	142.911	142.698	142.485	142.272	142.059	141.846	141.633	141.420	141.207	140.994	140.781	140.568	140.355	140.142	139.929	139.716	139.503	139.290	139.077	138.864	138.651	138.438	138.225	138.012	137.799	137.586	137.373	137.160	136.947	136.734	136.521	136.308	136.095	135.882	135.669	135.456	135.243	135.030	134.817	134.604	134.391	134.178	133.965	133.752	133.539	133.326	133.113	132.900	132.687	132.474	132.261	132.048	131.835	131.622	131.409	131.196	130.983	130.770	130.557	130.344	130.131	129.918	129.705	129.492	129.279	129.066	128.853	128.640	128.427	128.214	128.001	127.788	127.575	127.362	127.149	126.936	126.723	126.510	126.297	126.084	125.871	125.658	125.445	125.232	125.019	124.806	124.593	124.380	124.167	123.954	123.741	123.528	123.315	123.102	122.889	122.676	122.463	122.250	122.037	121.824	121.611	121.398	121.185	120.972	120.759	120.546	120.333	120.120	119.907	119.694	119.481	119.268	119.055	118.842	118.629	118.416	118.203	117.990	117.777	117.564	117.351	117.138	116.925	116.712	116.499	116.286	116.073	115.860	115.647	115.434	115.221	115.008	114.795	114.582	114.369	114.156	113.943	113.730	113.517	113.304	113.091	112.878	112.665	112.452	112.239	112.026	111.813	111.600	111.387	111.174	110.961	110.748	110.535	110.322	110.109	109.896	109.683	109.470	109.257	109.044	108.831	108.618	108.405	108.192	107.979	107.766	107.553	107.340	107.127	106.914	106.701	106.488	106.275	106.062	105.849	105.636	105.423	105.210	104.997	104.784	104.571	104.358	104.145	103.932	103.719	103.506	103.293	103.080	102.867	102.654	102.441	102.228	102.015	101.802	101.589	101.376	101.163	100.950	100.737	100.524	100.311	100.098	99.885	99.672	99.459	99.246	99.033	98.820	98.607	98.394	98.181	97.968	97.755	97.542	97.329	97.116	96.903	96.690	96.477	96.264	96.051	95.838	95.625	95.412	95.199	94.986	94.773	94.560	94.347	94.134	93.921	93.708	93.495	93.282	93.069	92.856	92.643	92.430	92.217	92.004	91.791	91.578	91.365	91.152	90.939	90.726	90.513	90.300	90.087	89.874	89.661	89.448	89.235	89.022	88.809	88.596	88.383	88.170	87.957	87.744	87.531	87.318	87.105	86.892	86.679	86.466	86.253	86.040	85.827	85.614	85.401	85.188	84.975	84.762	84.549	84.336	84.123	83.910	83.697	83.484	83.271	83.058	82.845	82.632	82.419	82.206	81.993	81.780	81.567	81.354	81.141	80.928	80.715	80.502	80.289	80.076	79.863	79.650	79.437	79.224	79.011	78.798	78.585	78.372	78.159	77.946	77.733	77.520	77.307	77.094	76.881	76.668	76.455	76.242	76.029	75.816	75.603	75.390	75.177	74.964	74.751	74.538	74.325	74.112	73.899	73.686	73.473	73.260	73.047	72.834	72.621	72.408	72.195	71.982	71.769	71.556	71.343	71.130	70.917	70.704	70.491	70.278	70.065	69.852	69.639	69.426	69.213	69.000	68.787	68.574	68.361	68.148	67.935	67.722	67.509	67.296	67.083	66.870	66.657	66.444	66.231	66.018	65.805	65.592	65.379	65.166	64.953	64.740	64.527	64.314	64.101	63.888	63.675	63.462	63.249	63.036	62.823	62.610	62.397	62.184	61.971	61.758	61.545	61.332	61.119	60.906	60.693	60.480	60.267	60.054	59.841	59.628	59.415	59.202	58.989	58.776	58.563	58.350	58.137	57.924	57.711	57.498	57.285	57.072	56.859	56.646	56.433	56.220	56.007	55.794	55.581	55.368	55.155	54.942	54.729	54.516	54.303	54.090	53.877	53.664	53.451	53.238	53.025	52.812	52.599	52.386	52.173	51.960	51.747	51.534	51.321	51.108	50.895	50.682	50.469	50.256	50.043	49.830	49.617	49.404	49.191	48.978	48.765	48.552	48.339	48.126	47.913	47.700	47.487	47.274	47.061	46.848	46.635	46.422	46.209	45.996	45.783	45.570	45.357	45.144	44.931	44.718	44.505	44.292	44.079	43.866	43.653	43.440	43.227	43.014	42.801	42.588	42.375	42.162	41.949	41.736	41.523	41.310	41.097	40.884	40.671	40.458	40.245	40.032	39.819	39.606	39.393	39.180	38.967	38.754	38.541	38.328	38.115	37.902	37.689	37.476	37.263	37.050	36.837	36.624	36.411	36.198	35.985	35.772	35.559	35.346	35.133	34.920	34.707	34.494	34.281	34.068	33.855	33.642	33.429	33.216	33.003	32.790	32.577	32.364	32.151	31.938	31.725	31.512	31.299	31.086	30.873	30.660	30.447	30.234	30.021	29.808	29.595	29.382	29.169	28.956	28.743	28.530	28.317	28.104	27.891	27.678	27.465	27.252	27.039	26.826	26.613	26.400	26.187	25.974	25.761	25.548	25.335	25.122	24.909	24.696	24.483	24.270	24.057	23.844	23.631	23.418	23.205	22.992	22.779	22.566	22.353	22.140	21.927	21.714	21.501	21.288	21.075	20.862	20.649	20.436	20.223	20.010	19.797	19.584	19.371	19.158	18.945	18.732	18.519	18.306	18.093	17.880	17.667	17.454	17.241	17.028	16.815	16.602	16.389	16.176	15.963	15.750	15.537	15.324	15.111	14.898	14.685	14.472	14.259	14.046	13.833	13.620	13.407	13.194	12.981	12.768	12.555	12.342	12.129	11.916	11.703	11.490	11.277	11.064	10.851	10.638	10.425	10.212	10.000	9.787	9.574	9.361	9.148	8.935	8.722	8.509	8.296	8.083	7.870	7.657	7.444	7.231	7.018	6.805	6.592	6.379	6.166	5.953	5.740	5.527	5.314	5.101	4.888	4.675	4.462	4.249	4.036	3.823	3.610	3.397	3.184	2.971	2.758	2.545	2.332	2.119	1.906	1.693	1.480	1.267	1.054	
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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
93	424274.394	2985007.074	117-30-19.90	139.278	04-56-42.37	21.590	500.000	0.468	43.154	6+251.071	6+272.648	6+294.225	6+272.662
94	424337.395	2985064.270	121-26-22.87	71.030	03-56-2.97	17.173	500.000	0.295	34.332	6+326.492	6+343.658	6+360.824	6+343.665
95	424436.894	2985003.441	119-39-42.78	116.519	01-48-42.09	7.760	500.000	0.060	15.519	6+452.511	6+460.270	6+468.030	6+460.271
96	424525.204	2984953.149	114-31-36.26	101.627	05-08-4.52	22.410	500.000	0.502	44.808	6+539.478	6+561.882	6+584.286	6+561.897
97	424576.148	2984929.903	119-32-58.00	55.997	05-01-21.74	21.930	500.000	0.481	43.831	6+595.934	6+617.850	6+639.765	6+617.864



DESIGN LEVEL(m)	198.050	197.967	197.884	197.801	197.718	197.636	197.553	197.470	197.387	197.304	197.222	197.139	197.056	196.973	196.890	196.808	196.725	196.642	196.559	196.476	196.394	196.311	196.228	196.145	196.062	195.980	195.897	195.814	195.731	195.648	195.579
EXISTING LEVEL(m)	197.879	197.652	197.601	197.417	197.233	197.220	197.052	196.788	196.651	196.500	195.287	196.137	195.996	195.825	195.653	195.518	195.368	195.212	195.049	194.812	194.777	194.657	194.498	194.359	194.216	194.182	194.114	194.093	194.092	193.932	193.885
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+600	
HORIZONTAL ALIGNMENT	RIGHT	IP-94 R=500.00															IP-95 R=500.00		IP-96 R=500.00										IP-97 R=500.00		
	LEFT																														
SUPER ELEVATION	NC																														

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P
97	424576.148	2964829.903	119-32-58.00	55.997	05-01-21.74	21.930	500.000	0.481	43.831	6+595.934	6+617.850	6+639.765	6+617.864
98	424679.231	2964871.464	129-24-2.38	118.496	09-51-4.38	47.399	550.000	2.039	94.565	6+688.932	6+736.215	6+783.497	6+736.331
99	424746.143	2964816.501	125-57-58.54	86.592	03-28-3.83	14.990	500.000	0.225	29.971	6+807.700	6+822.685	6+837.670	6+822.689
100	424840.075	2964748.340	135-23-38.58	116.056	09-25-40.04	41.230	500.000	1.897	82.273	6+897.507	6+938.644	6+979.780	6+938.737



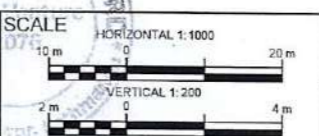
DESIGN LEVEL(m)	195.579	195.534	195.514	195.518	195.548	195.588	195.629	195.670	195.710	195.751	195.791	195.832	195.873	195.913	195.954	195.995	196.035	196.076	196.116	196.157	196.198	196.238	196.279	196.320	196.360	196.401	196.442	196.482	196.523	196.563	196.604																
EXISTING LEVEL(m)	193.885	194.002	194.212	194.164	194.209	194.265	194.326	194.485	194.579	194.435	194.452	194.552	194.665	194.786	194.844	195.054	195.017	195.034	194.956	195.013	195.030	195.156	195.103	195.066	195.126	195.051	195.018	195.022	195.107	195.211	195.238																
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-97 R=500.00																IP-98 R=550.00										IP-99 R=500.00										IP-100 R=500.00									
	LEFT																																														
SUPER-ELEVATION	NC																																														

Government of Nepal
 Ministry of Federal Affairs and General Administration
 Department of Local Infrastructure (DoLI)
 Rural Connectivity Improvement Project (RCIP)
 Project Coordination Unit (PCU)
 Pulchowk, Lalitpur

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

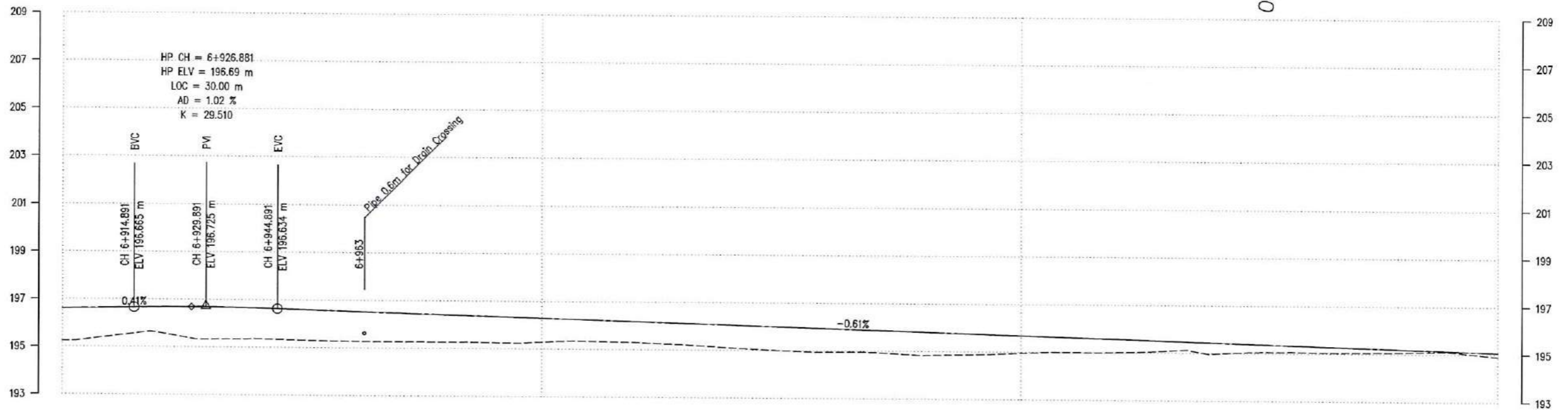
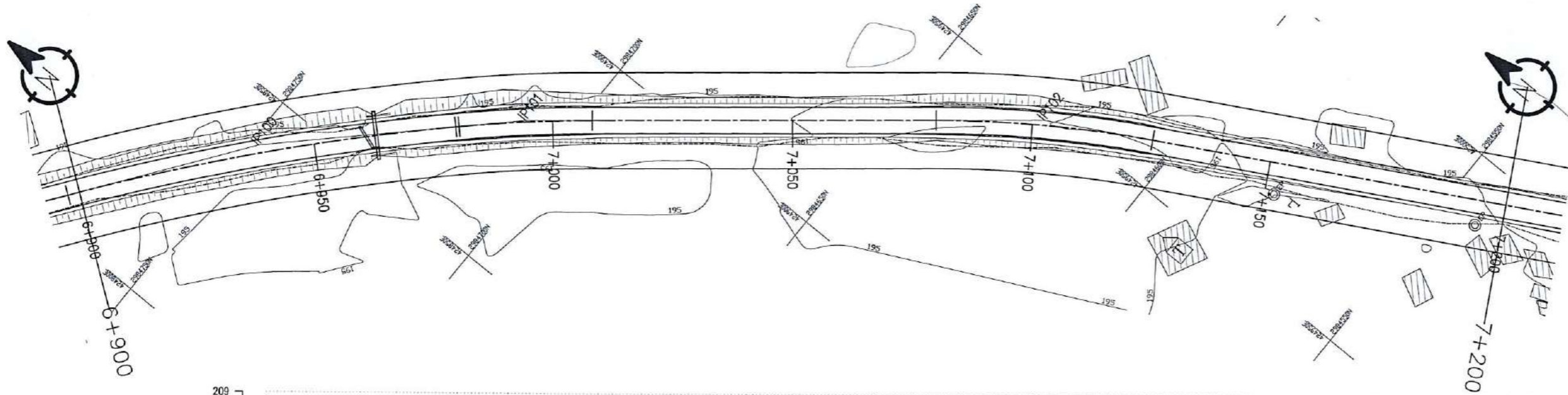
Jagadi - Dhansari -
 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli

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



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P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHANGAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
100	424840.075	2984748.340	135-23-38.58	116.056	09-25-40.04	41.230	500.000	1.697	82.273	6+897.507	6+938.644	6+979.780	6+938.737
101	424879.288	2984708.584	140-42-9.00	55.841	05-18-30.42	13.907	300.000	0.322	27.795	6+980.484	6+994.381	7+008.279	6+994.391
102	424947.829	2984624.836	151-04-38.96	108.220	10-22-29.96	22.697	250.000	1.028	45.268	7+079.895	7+102.530	7+125.164	7+102.592
103	425018.051	2984496.661	145-14-16.50	146.440	05-50-22.47	20.402	400.000	0.520	40.768	7+228.506	7+248.890	7+269.274	7+248.907



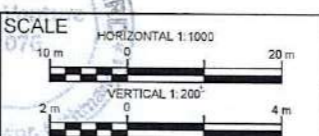
DESIGN LEVEL(m)	196.604	196.645	196.681	196.687	196.690	196.603	196.542	196.481	196.420	196.359	196.298	196.237	196.176	196.115	196.053	195.992	195.931	195.870	195.809	195.748	195.687	195.626	195.565	195.504	195.443	195.382	195.321	195.260	195.199	195.138	195.077	
EXISTING LEVEL(m)	195.238	195.436	195.600	195.327	195.365	195.309	195.279	195.270	195.268	195.254	195.290	195.337	195.300	195.212	195.095	194.999	194.951	194.937	194.838	194.879	194.959	195.003	195.011	195.078	194.976	195.057	195.062	195.052	195.074	195.105	194.908	
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		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	NC		T		-2.5		T		NC		T		-3.5		T		NC		T		-3.5		T		NC		T		-3.5		T	

Government of Nepal
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 Email: info@aviyaan.com

Jagadi - Dhansari -
 Ganeshman Charnath Na. Pa.
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 Road, Sindhuli

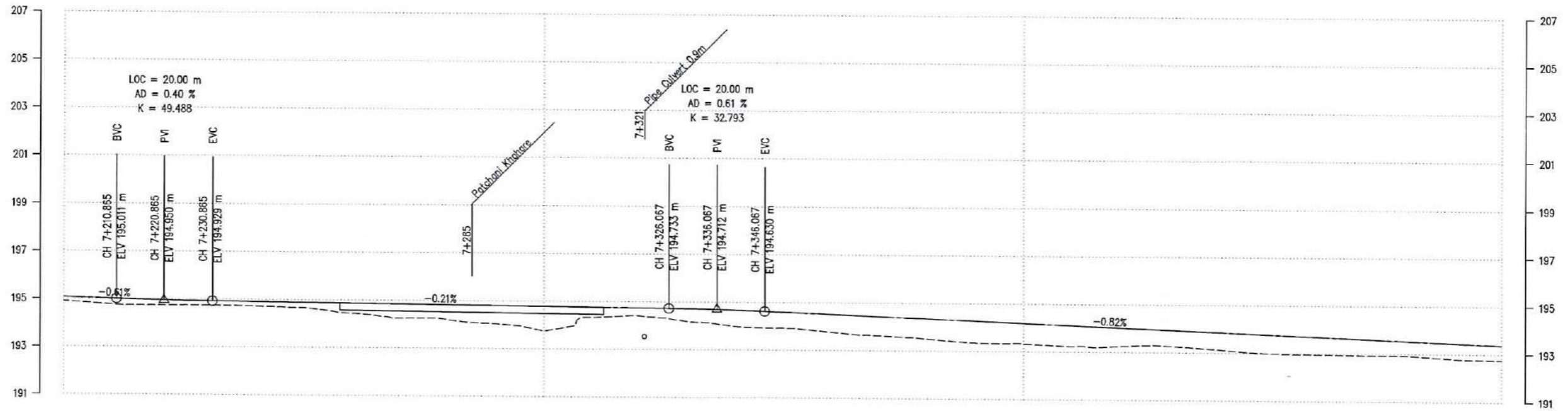
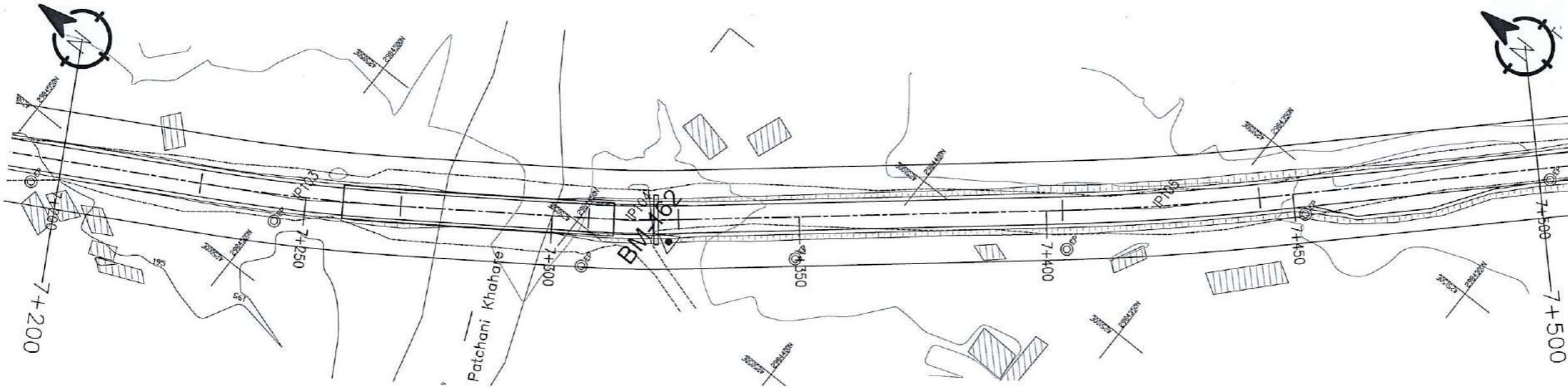
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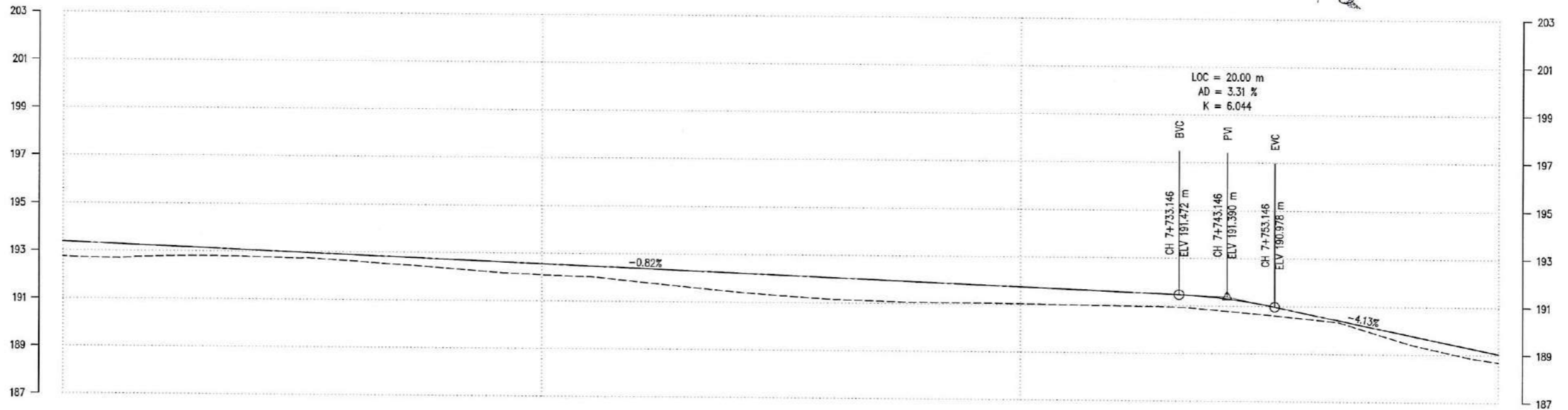
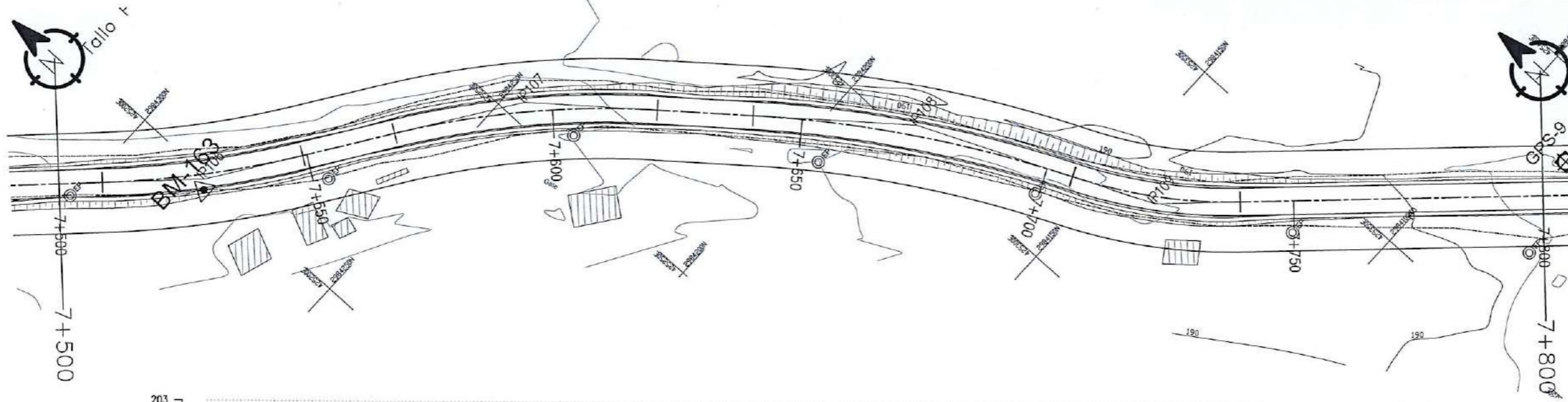
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 DRG NO : PP
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IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
103	425018.651	2984496.661	145-14-16.50	146.440	05-50-22.47	20.402	400.000	0.520	40.768	7+228.506	7+248.890	7+269.274	7+248.907
104	425057.212	2984441.100	140-17-2.40	67.631	04-57-14.10	9.064	210.000	0.196	18.157	7+307.419	7+316.497	7+325.576	7+316.503
105	425125.427	2984358.982	135-42-26.35	106.756	04-34-36.05	19.980	500.000	0.399	39.939	7+403.267	7+423.237	7+443.206	7+423.247
106	425189.291	2984283.271	124-06-33.93	105.773	11-35-52.42	20.312	200.000	1.029	40.484	7+506.687	7+528.929	7+549.172	7+528.999



DESIGN LEVEL(m)	195.077	195.016	194.963	194.931	194.910	194.890	194.869	194.848	194.828	194.807	194.786	194.766	194.745	194.722	194.674	194.598	194.517	194.435	194.354	194.272	194.190	194.109	194.027	193.946	193.864	193.782	193.701	193.619	193.537	193.456	193.374	
EXISTING LEVEL(m)	194.908	194.775	194.749	194.746	194.722	194.669	194.442	194.249	194.196	194.032	193.746	194.333	194.409	194.174	193.985	193.921	193.765	193.628	193.505	193.355	193.337	193.234	193.248	193.274	193.145	193.002	192.957	192.940	192.929	192.802	192.756	
CHAINAGE(Km)	7+200	7+210	7+220	7+230	7+240	7+250	7+260	7+270	7+280	7+290	7+300	7+310	7+320	7+330	7+340	7+350	7+360	7+370	7+380	7+390	7+400	7+410	7+420	7+430	7+440	7+450	7+460	7+470	7+480	7+490	7+500	
HORIZONTAL ALIGNMENT	<div style="display: flex; justify-content: space-between;"> RIGHT LEFT </div>																															
SUPER ELEVATION	<div style="display: flex; justify-content: space-between;"> NC T 2.5 T NC T 4 T NC </div>																															
	7+200	7+217.047	7+230.787	7+266.982	7+280.732	7+293.21	7+311.095	7+321.909	7+339.784																						7+494.479	7+500

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P
106	425199.291	2984283.271	124-06-33.93	105.773	11-35-52.42	20.312	200.000	1.029	40.484	7+508.687	7+528.929	7+549.172	7+528.999
107	425253.819	2984246.340	140-58-31.06	85.858	16-51-57.13	26.686	180.000	1.967	52.986	7+568.033	7+594.526	7+621.018	7+594.718
108	425303.297	2984185.294	155-53-8.89	78.579	14-54-37.82	32.715	250.000	2.131	65.059	7+640.197	7+672.727	7+705.256	7+672.912
109	425323.718	2984139.872	136-24-9.55	49.984	19-28-59.34	17.168	100.000	1.463	34.005	7+705.357	7+722.360	7+739.362	7+722.525
110	425431.906	2984025.052	114-30-48.44	156.889	21-53-21.11	19.338	100.000	1.853	38.204	7+859.745	7+876.847	7+897.949	7+879.083



DESIGN LEVEL(m)	193.374	193.293	193.211	193.129	193.048	192.966	192.885	192.803	192.721	192.640	192.558	192.477	192.395	192.313	192.232	192.150	192.069	191.987	191.905	191.824	191.742	191.661	191.579	191.497	191.377	191.099	190.695	190.282	189.870	189.457	189.045
EXISTING LEVEL(m)	192.756	192.695	192.768	192.795	192.769	192.725	192.623	192.485	192.345	192.196	192.099	192.028	191.828	191.632	191.441	191.292	191.158	191.096	191.056	191.048	191.033	191.002	190.979	190.950	190.841	190.669	190.474	190.138	189.527	189.056	188.697
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	T																	NC													

Government of Nepal
 Ministry of Federal Affairs and General Administration
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 Rural Connectivity Improvement Project (RCIP)
 Project Coordination Unit (PCU)
 Pulchowk, Lalitpur

Consultant:
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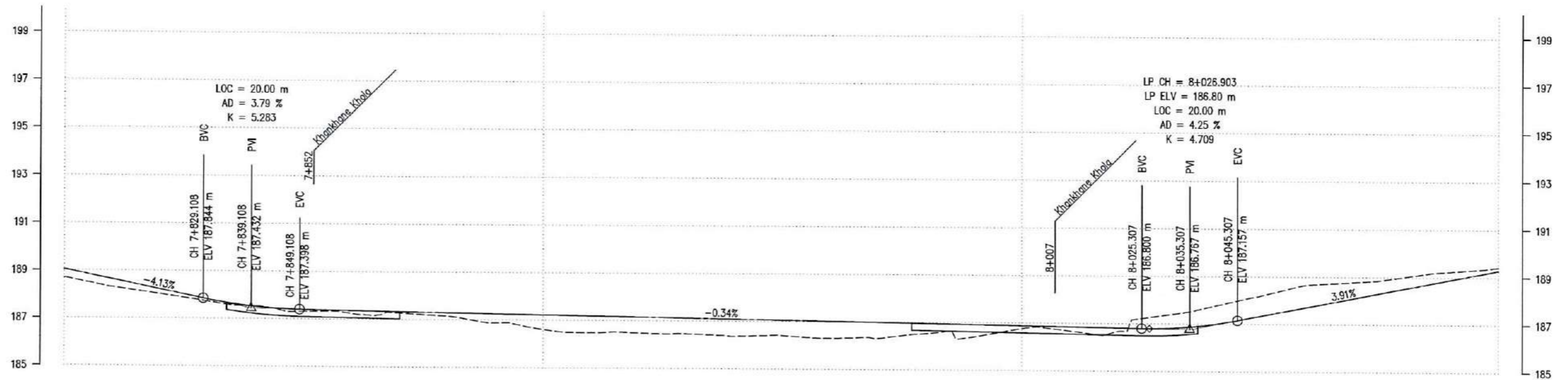
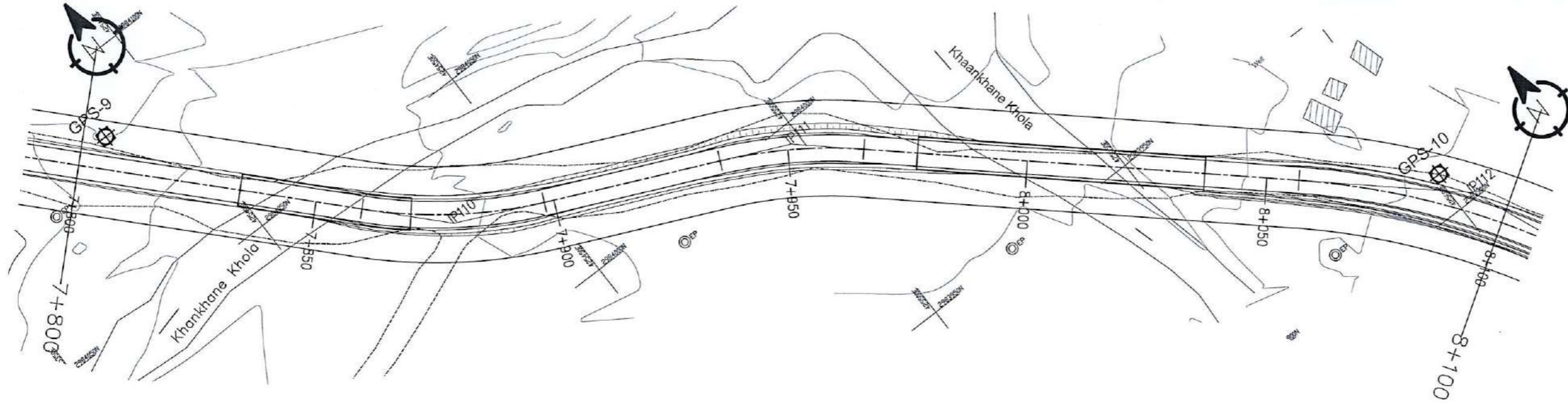
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 Road, Sindhuli

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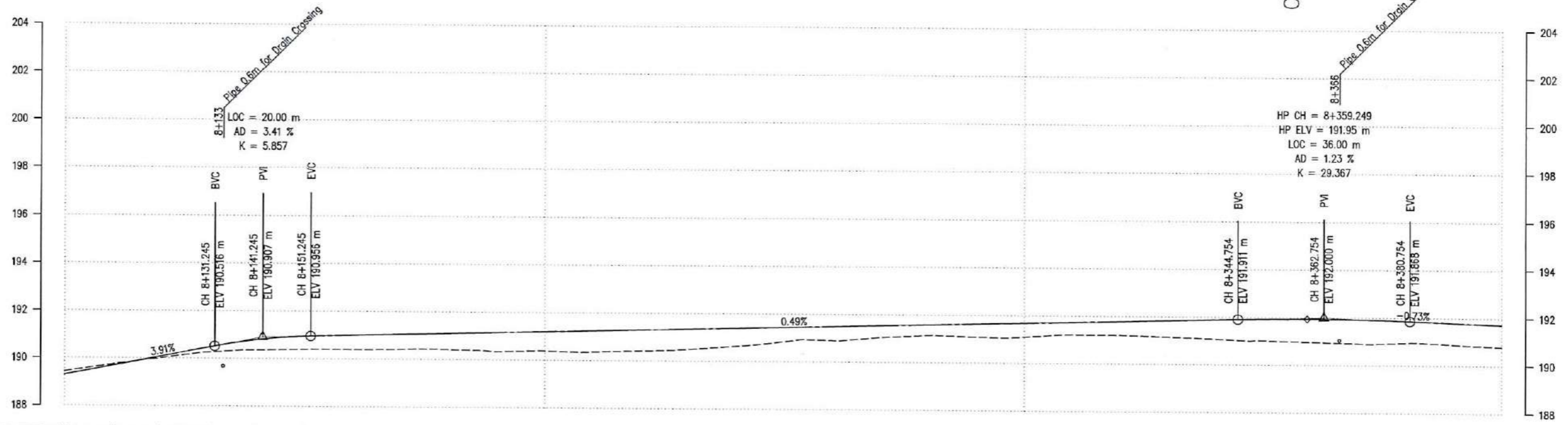
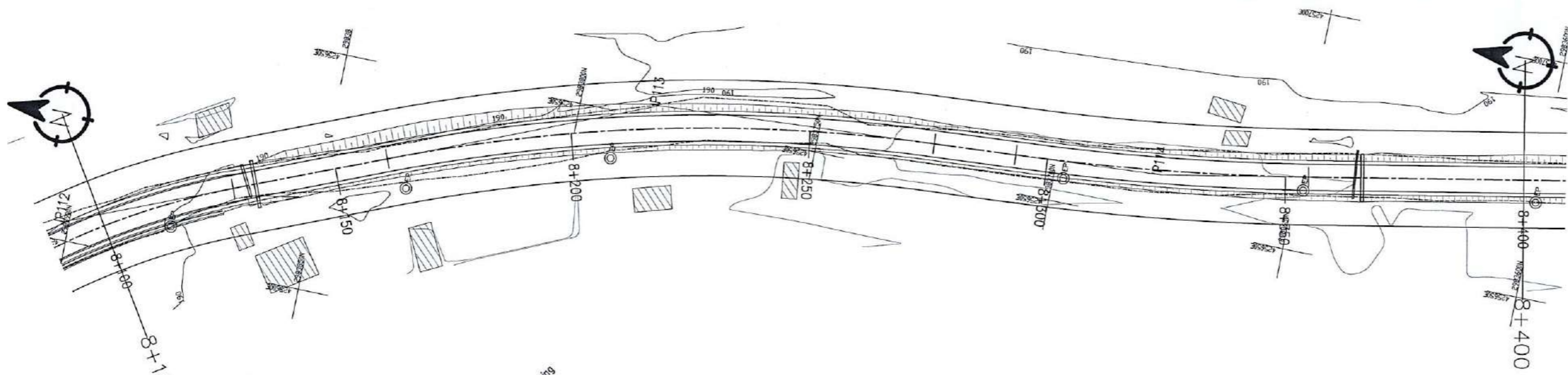
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 DRG NO : PP _____
 SHEET NO : 26

P. No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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
110	425431.906	2984028.052	114-30-48.44	156.889	21-53-21.11	19.338	100.000	1.853	33.204	7+850.745	7+878.847	7+897.949	7+879.083
111	425497.850	2983996.073	131-47-8.25	72.257	17-16-20.81	15.188	100.000	1.147	30.146	7+935.680	7+950.753	7+965.826	7+950.868
112	425603.884	2983901.136	157-21-13.86	142.472	25-34-4.42	36.304	160.000	4.067	71.399	8+056.806	8+092.506	8+128.205	8+093.110



DESIGN LEVEL(m)	189.045	188.632	188.220	187.808	187.507	187.395	187.361	187.327	187.293	187.259	187.225	187.191	187.157	187.123	187.090	187.056	187.022	186.988	186.954	186.920	186.886	186.852	186.818	186.808	186.960	187.341	187.732	188.122	188.513	188.904	189.295
EXISTING LEVEL(m)	188.897	188.304	188.016	187.720	187.522	187.311	187.238	187.270	187.147	186.875	186.616	186.484	186.487	186.462	186.368	186.409	186.310	186.306	186.529	186.398	186.766	186.677	186.659	187.355	187.732	188.181	188.671	188.792	189.007	189.247	189.435
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-111 R=100.00												IP-112 R=160.00	
	LEFT																	IP-110 R=100.00													
SUPER ELEVATION	NC		T		5.5		T		-5.5		T		NC		T		-4.5														
	7+800	7+842.787	7+864.767	7+892.907	7+940.722	7+960.784	7+982.784	8+041.661	8+060.931	8+100																					

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	P
112	425603.884	2983901.136	157-21-13.66	142.472	25-34-4.42	36.304	160.000	4.067	71.399	8+056.806	8+092.506	8+128.205	8+093.110
113	425652.872	2983783.715	176-10-55.28	127.231	18-49-41.61	58.031	350.000	4.778	115.015	8+161.101	8+218.609	8+276.117	8+219.132
114	425659.933	2983677.916	169-08-32.16	106.034	07-02-23.12	30.755	500.000	0.945	61.433	8+293.364	8+324.061	8+354.798	8+324.120
115	425683.830	2983553.326	160-47-37.22	126.862	06-20-54.94	36.492	500.000	1.330	72.855	8+414.412	8+450.839	8+487.267	8+450.904



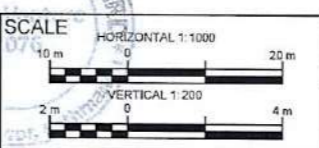
DESIGN LEVEL(m)	189.295	189.686	190.076	190.467	190.793	190.949	190.989	191.049	191.098	191.147	191.197	191.246	191.295	191.345	191.394	191.443	191.493	191.542	191.592	191.641	191.690	191.740	191.789	191.838	191.888	191.932	191.947	191.927	191.874	191.800	191.727	
EXISTING LEVEL(m)	189.435	189.743	190.009	190.257	190.357	190.395	190.393	190.415	190.414	190.342	190.387	190.357	190.416	190.493	190.635	190.842	190.896	191.036	191.138	191.098	191.101	191.209	191.205	191.145	191.070	191.019	190.967	190.913	190.852	190.866	190.801	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	-4.5		T		NC		T		-2.5		T		NC		T		-2.5		T		NC		T		-2.5		T		NC		T	

Government of Nepal
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Consultant:
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 (Province No - 2 Connecting)
 Road, Sindhuli

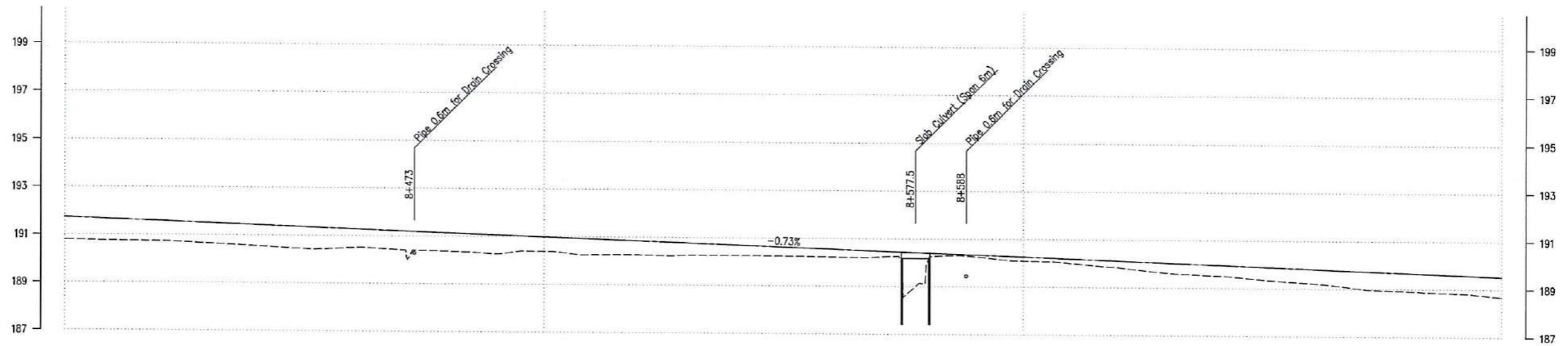
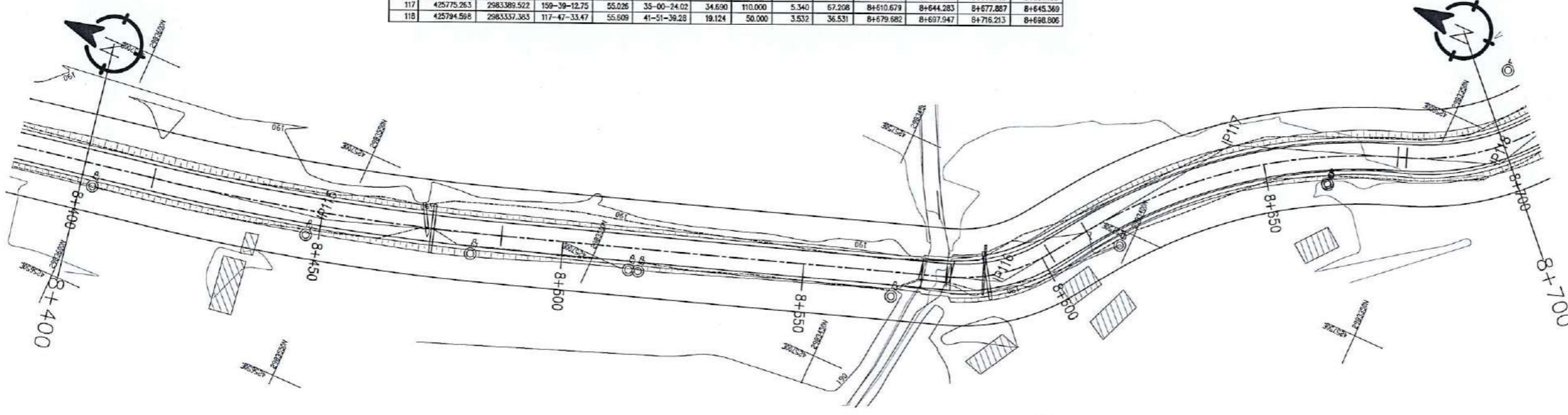
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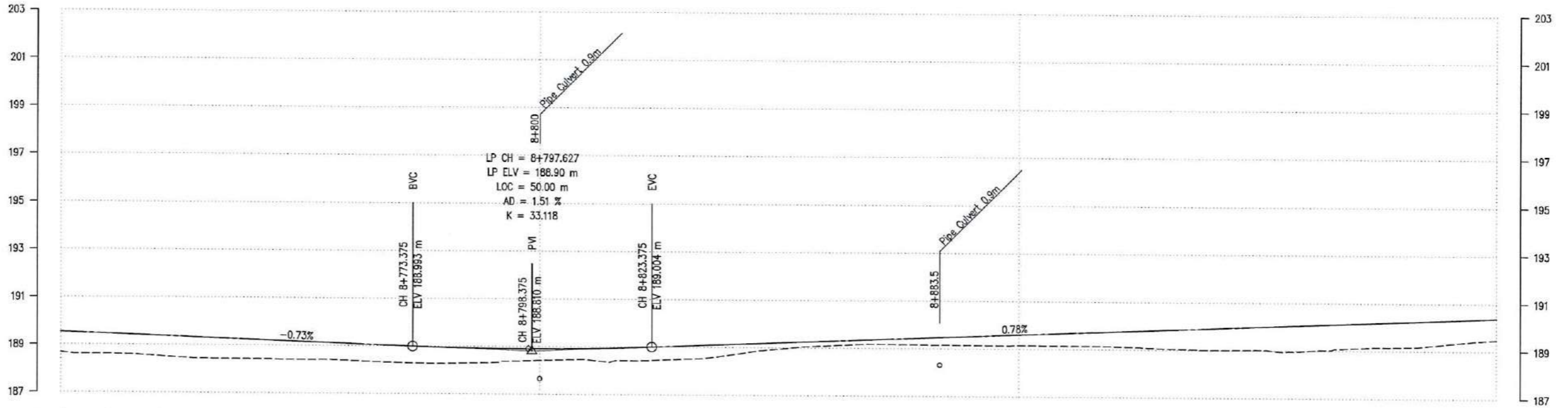
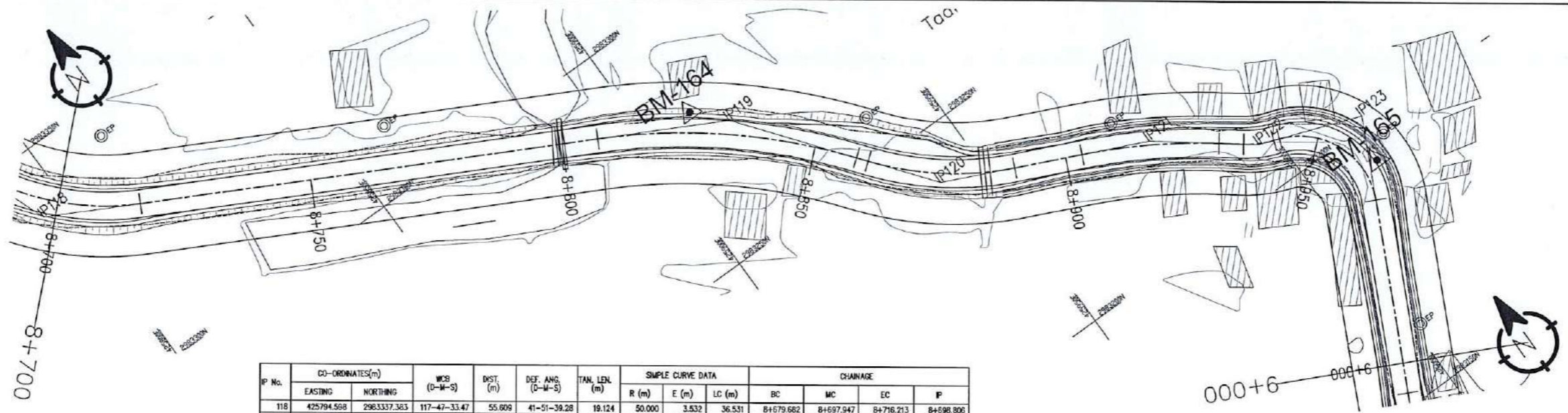
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IP No.	CO-ORDINATES(m)		WCS (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
115	425683.830	2983553.326	160-47-37.22	126.862	08-20-54.94	36.482	500.000	1.330	72.855	8+414.412	8+450.839	8+487.267	8+450.904
116	425729.995	2983420.806	124-38-48.73	140.331	36-08-48.50	11.422	35.000	1.817	22.081	8+579.984	8+590.724	8+601.785	8+591.105
117	425775.263	2983389.522	159-39-12.75	55.026	35-00-24.02	34.690	110.000	5.340	67.208	8+610.679	8+644.283	8+677.867	8+645.369
118	425794.598	2983337.363	117-47-33.47	55.609	41-51-39.28	19.124	50.000	3.532	36.531	8+679.682	8+697.947	8+716.213	8+688.806

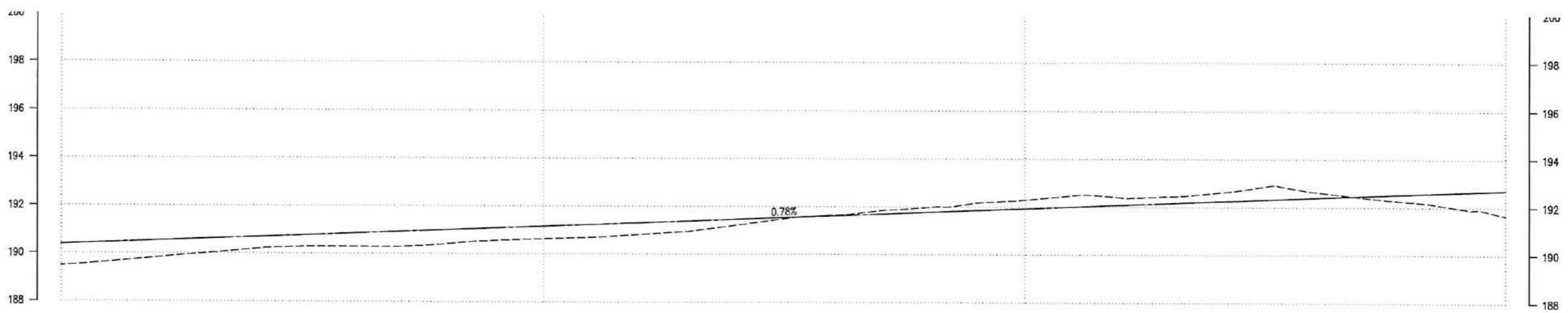
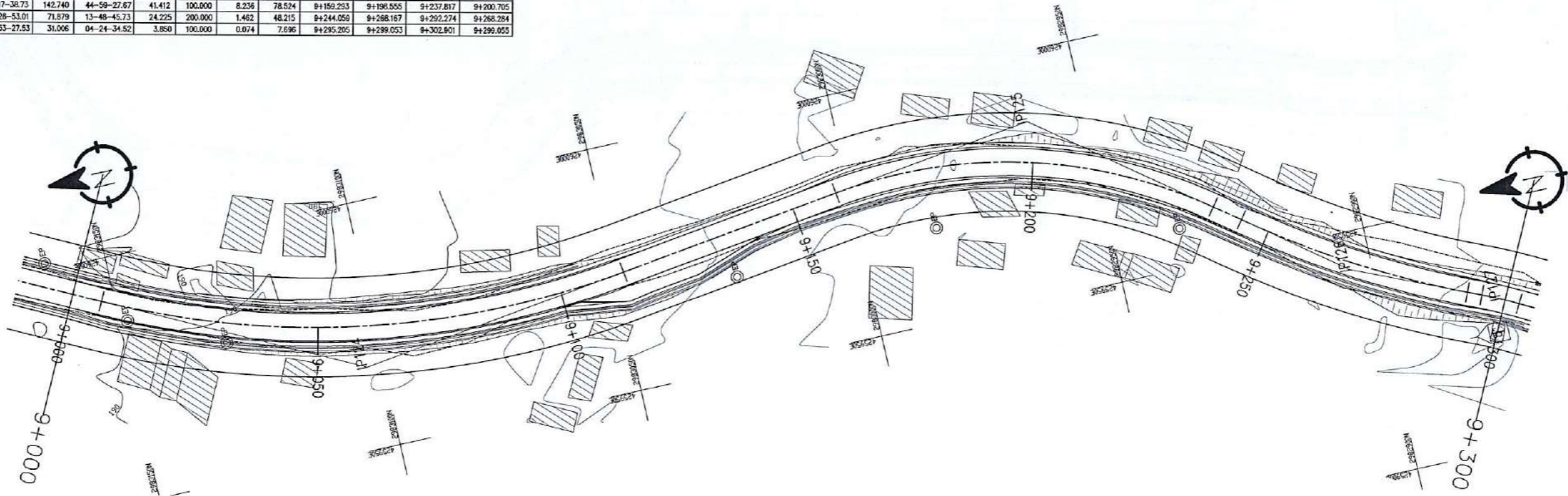


DESIGN LEVEL(m)	191.727	191.654	191.581	191.508	191.434	191.361	191.288	191.215	191.141	191.068	190.995	190.922	190.849	190.775	190.702	190.629	190.556	190.482	190.409	190.336	190.263	190.189	190.116	190.043	189.970	189.897	189.823	189.750	189.677	189.604	189.530
EXISTING LEVEL(m)	190.801	190.755	190.733	190.652	190.550	190.444	190.300	190.423	190.374	190.269	190.399	190.254	190.261	190.266	190.258	190.243	190.216	190.228	190.085	190.261	190.084	190.002	189.844	189.629	189.519	189.353	189.228	189.024	188.918	188.842	188.677
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-115 R=500.00																IP-116 R=35.00		IP-117 R=110.00				IP-118 R=50.00							
	LEFT	NC																T		T		-2.5		T							
SUPER ELEVATION	8+400																	8+575.284	8+581.058	8+600.36	8+612.054	8+676.512	8+681.057	8+700							



DESIGN LEVEL(m)	189.530	189.457	189.384	189.311	189.237	189.164	189.091	189.018	188.951	188.913	188.905	188.927	188.960	189.056	189.134	189.211	189.289	189.367	189.445	189.522	189.600	189.678	189.756	189.833	189.911	189.989	190.067	190.144	190.222	190.300	190.378
EXISTING LEVEL(m)	188.677	188.615	188.535	188.435	188.424	188.401	188.381	188.366	188.276	188.318	188.418	188.451	188.420	188.498	188.699	188.950	189.096	189.175	189.157	189.148	189.151	189.149	189.131	189.058	189.012	189.025	188.988	188.118	189.170	189.312	189.482
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																	LEFT													
SUPER ELEVATION	2.5		T					NC					T		-2.5					T		-2.5					T		NC		T
Stationing	8+700	8+714.838	8+720.613								8+802.644	8+808.419				8+857.057	8+862.152			8+888.399	8+904.644	8+928.944	8+943.692		8+965.143	8+971.918		8+990.79	9+000		

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P
124	425966.765	2583003.068	172-10-11.06	110.487	34-11-16.20	55.354	180.000	8.319	107.404	9+005.915	9+059.617	9+113.319	9+061.269
125	425965.683	2582961.630	217-17-38.73	142.740	44-59-27.67	41.412	100.000	8.236	78.524	9+159.233	9+196.555	9+237.817	9+200.705
126	425942.331	2582904.447	203-26-53.01	71.879	13-48-45.73	24.225	200.000	1.462	48.215	9+244.059	9+286.167	9+292.274	9+268.284
127	425929.977	2582876.009	207-53-27.53	31.006	04-24-34.52	3.850	100.000	0.074	7.696	9+295.205	9+299.053	9+302.901	9+299.055



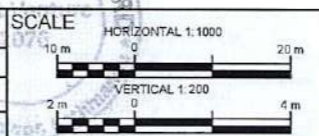
DESIGN LEVEL(m)	190.378	190.455	190.533	190.611	190.689	190.766	190.844	190.922	191.000	191.077	191.155	191.233	191.311	191.388	191.466	191.544	191.622	191.699	191.777	191.855	191.933	192.010	192.088	192.166	192.244	192.321	192.399	192.477	192.555	192.632	192.710		
EXISTING LEVEL(m)	189.462	189.641	189.829	190.006	190.189	190.287	190.292	190.284	190.417	190.556	190.633	190.692	190.818	190.952	191.215	191.490	191.643	191.842	191.976	192.169	192.295	192.484	192.400	192.451	192.605	192.870	192.650	192.425	192.240	191.983	191.657		
CHAINAGE(Km)	9+000	9+010	9+020	9+030	9+040	9+050	9+060	9+070	9+080	9+090	9+100	9+110	9+120	9+130	9+140	9+150	9+160	9+170	9+180	9+190	9+200	9+210	9+220	9+230	9+240	9+250	9+260	9+270	9+280	9+290	9+300		
HORIZONTAL ALIGNMENT	RIGHT	IP-124 R=180.00																IP-125 R=100.00										IP-126 R=200.00		IP-127 R=100.00			
	LEFT																																
SUPER ELEVATION	9+000	9+010.04	4.5										T		NC		T		-2.5						T		2.5		T		NC		9+300

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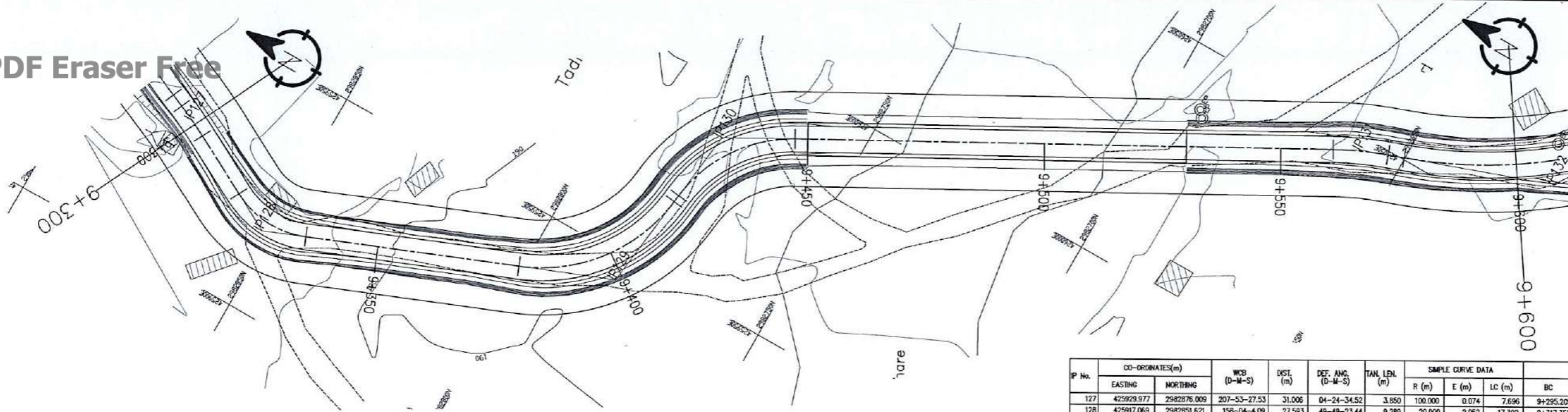
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 Road, Sindhuli

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P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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
127	425929.977	2982876.009	207-53-27.53	31.006	04-24-34.52	3.850	100.000	0.074	7.696	9+295.205	9+299.053	9+302.001	9+299.055
128	425917.069	2982851.621	158-04-4.09	27.583	49-49-23.44	9.289	20.000	2.052	17.392	9+317.356	9+326.052	9+334.748	9+326.645
129	425945.174	2982781.821	97-04-20.27	75.246	60-59-43.81	20.615	35.000	5.620	37.260	9+380.090	9+396.720	9+417.350	9+400.705
130	425962.460	2982777.195	151-18-1.95	37.572	54-13-41.68	15.361	30.000	3.704	28.394	9+418.947	9+433.144	9+447.341	9+434.306
131	426047.215	2982658.915	160-11-18.01	134.846	08-53-16.07	5.829	75.000	0.225	11.634	9+560.996	9+566.813	9+572.630	9+566.825
132	426061.240	2982619.984	124-38-34.49	41.380	35-32-43.53	32.054	100.000	5.012	62.038	9+576.128	9+607.147	9+638.167	9+608.182

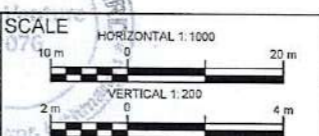


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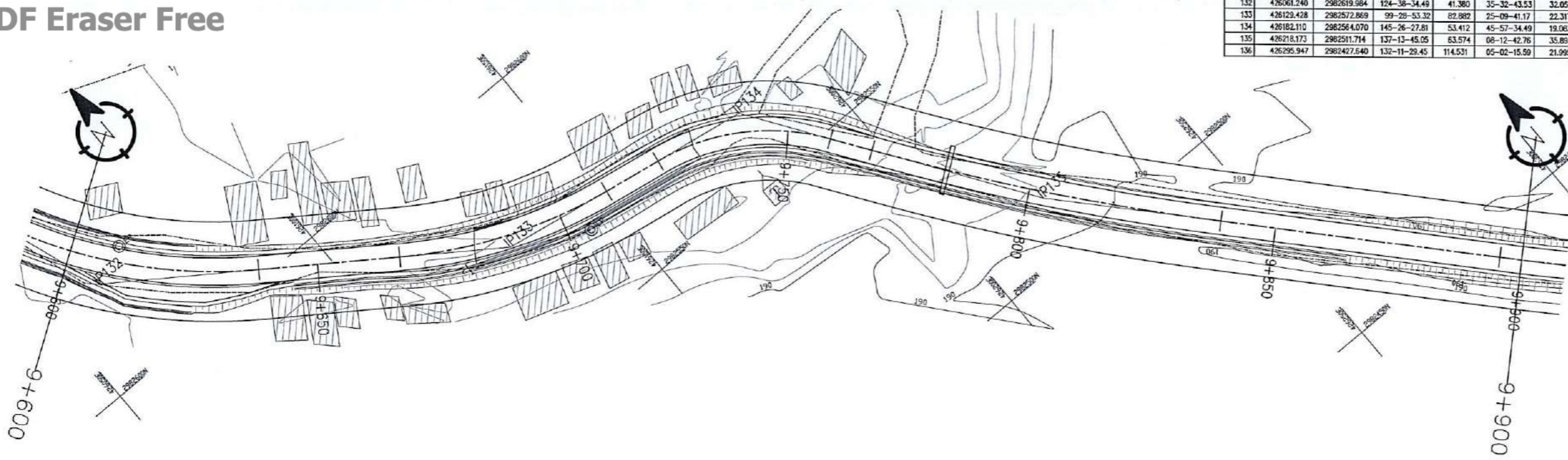
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 (Province No - 2 Connecting)
 Road, Sindhuli

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P No.	CO-ORDINATES(m)		WCS (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P
132	426061.240	2982619.984	124-38-34.49	41.380	35-32-43.53	32.054	100.000	5.012	62.038	9+576.128	9+607.147	9+638.167	9+608.182
133	426129.428	2982572.869	99-28-53.32	82.882	25-09-41.17	22.317	100.000	2.460	43.915	9+666.677	9+688.535	9+710.592	9+688.995
134	426182.110	2982564.070	145-26-27.81	53.412	45-57-34.49	19.063	45.000	3.879	36.097	9+722.604	9+740.652	9+758.701	9+741.687
135	426218.173	2982511.714	137-13-45.05	63.574	08-12-42.76	35.893	500.000	1.287	71.662	9+767.300	9+803.131	9+838.962	9+803.102
136	426295.947	2982427.640	132-11-29.45	114.531	05-02-15.59	21.995	500.000	0.484	43.962	9+895.605	9+917.586	9+939.567	9+917.600



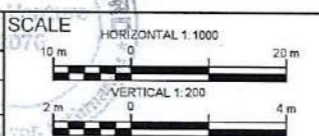
HORIZONTAL ALIGNMENT
 SUPER ELEVATION
 Project Coordination Unit
 Lalitpur

Government of Nepal
 Ministry of Federal Affairs and General Administration
 Department of Local Infrastructure (DoLI)
 Rural Connectivity Improvement Project (RCIP)
 Project Coordination Unit (PCU)
 Pulchowk, Lalitpur

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

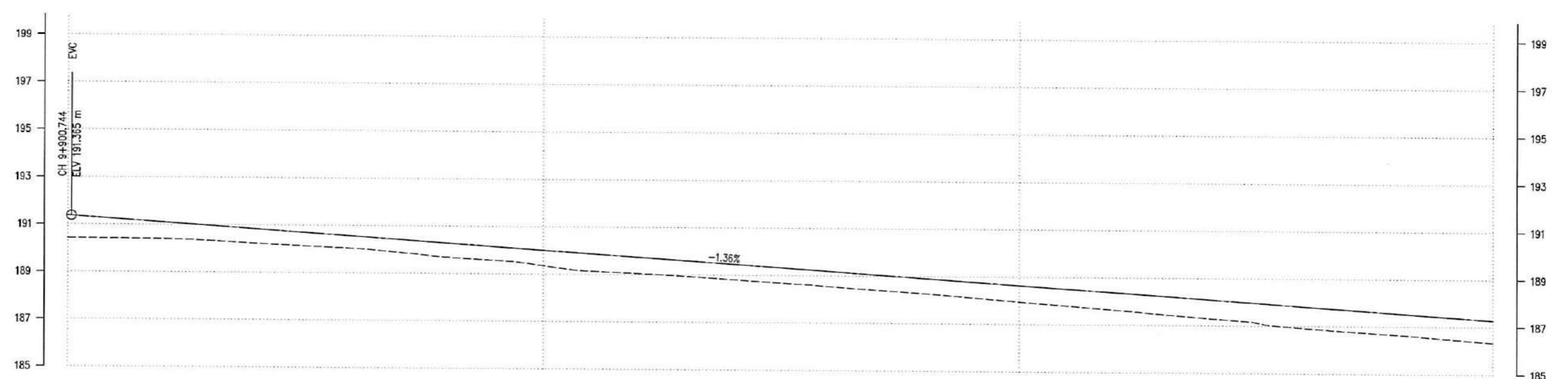
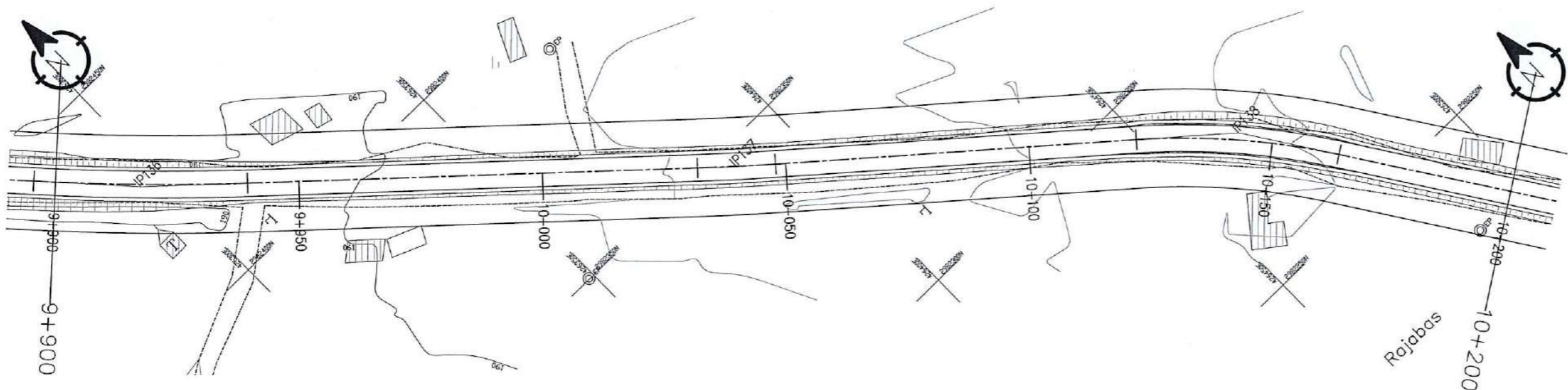
Jagadi - Dhansari -
 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli

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



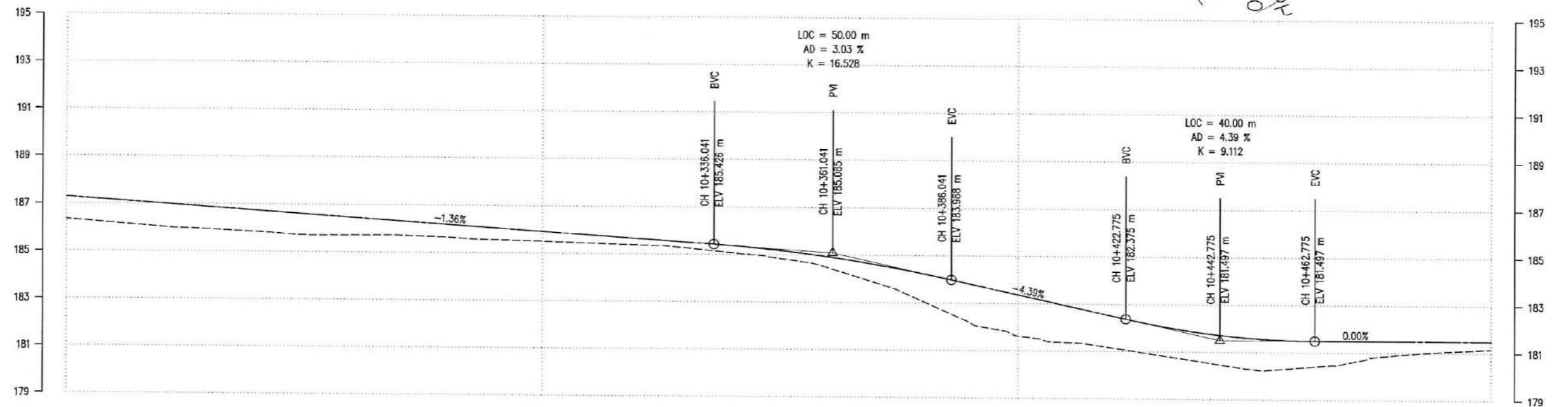
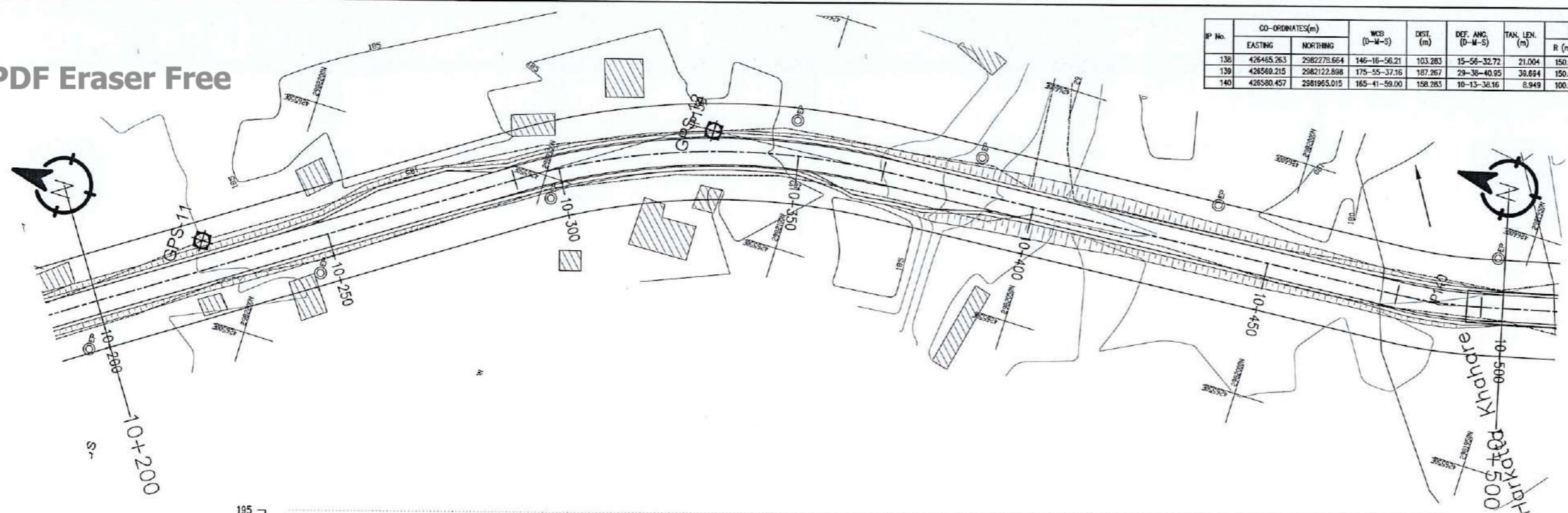
Plan & Profile
 9+600-9+900
 DATE:
 DRG NO : PP
 SHEET NO : 33

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
136	426295.947	2982427.640	132-11-29.45	114.531	05-02-15.59	21.995	500.000	0.484	43.962	9+895.605	9+917.586	9+939.567	9+917.600
137	426306.538	2982345.521	130-20-23.49	122.272	01-51-5.96	8.060	500.000	0.065	16.158	10+031.763	10+039.843	10+047.922	10+039.843
138	426465.263	2982278.664	146-16-56.21	103.283	15-56-32.72	21.004	150.000	1.463	41.737	10+122.121	10+142.989	10+163.858	10+143.125



DESIGN LEVEL(m)	191.375	191.239	191.103	190.966	190.830	190.693	190.557	190.421	190.284	190.148	190.011	189.875	189.738	189.602	189.465	189.329	189.193	189.056	188.920	188.783	188.647	188.510	188.374	188.237	188.101	187.965	187.828	187.692	187.555	187.419	187.282
EXISTING LEVEL(m)	190.422	190.408	190.395	190.328	190.222	190.129	190.036	189.873	189.685	189.567	189.363	189.142	189.049	188.948	188.816	188.684	188.549	188.409	188.273	188.115	187.952	187.794	187.641	187.466	187.306	187.137	186.918	186.775	186.651	186.499	186.342
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	IP-136 R=500.00																IP-137 R=500.00		IP-138 R=150.00											
	LEFT	IP-136 R=500.00																IP-137 R=500.00		IP-138 R=150.00											
SUPER ELEVATION	NC																T		-4.5		T		NC								
	9+900																	10+06.996	10+126.246	10+159.733	10+176.983	10+200									

P No.	CO-ORDINATES(m)		WCS (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
138	426465.263	2982278.664	146-16-56.21	103.283	15-56-32.72	21.004	150.000	1.463	41.737	10+122.121	10+142.989	10+183.858	10+143.125
139	428569.215	2982122.898	175-55-37.16	187.267	29-36-40.95	38.894	150.000	5.163	77.610	10+290.426	10+329.231	10+368.036	10+330.121
140	426580.457	2981965.015	165-41-59.00	158.283	10-13-38.16	8.949	100.000	0.400	17.850	10+477.676	10+486.601	10+495.526	10+486.625



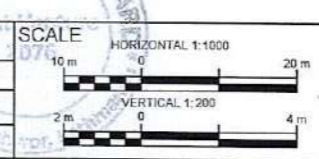
DESIGN LEVEL(m)	187.282	187.146	187.009	186.873	186.737	186.600	186.464	186.327	186.191	186.054	185.918	185.781	185.645	185.509	185.367	185.177	184.926	184.614	184.242	183.814	183.375	182.936	182.497	182.087	181.762	181.587	181.501	181.497	181.497	181.497	181.497
EXISTING LEVEL(m)	186.342	186.186	186.029	185.935	185.835	185.708	185.705	185.714	185.643	185.552	185.502	185.438	185.376	185.267	185.066	184.841	184.464	183.847	183.073	182.172	181.630	181.368	181.149	180.851	180.553	180.271	180.354	180.585	180.914	181.072	181.167
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																	LEFT													
SUPER ELEVATION	NC										T					NC					T										

Government of Nepal
Ministry of Federal Affairs and General Administration
Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
Pulchowk, Lalitpur

Consultant:
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Email: info@aviyaan.com

Jagadi - Dhansari -
Ganeshman Charnath Na. Pa.
(Province No - 2 Connecting)
Road, Sindhuli

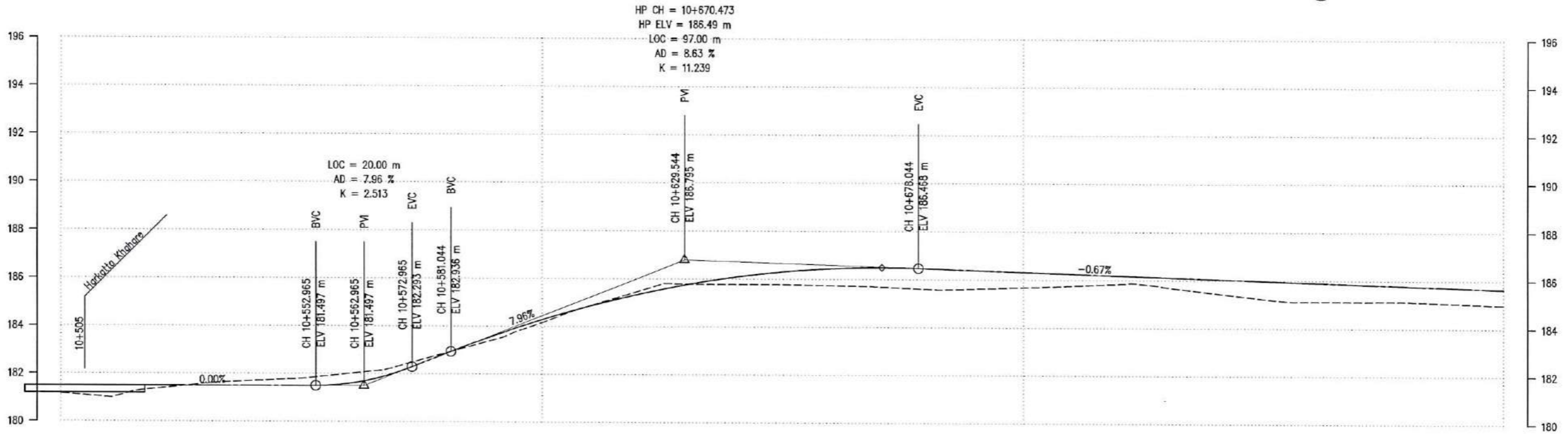
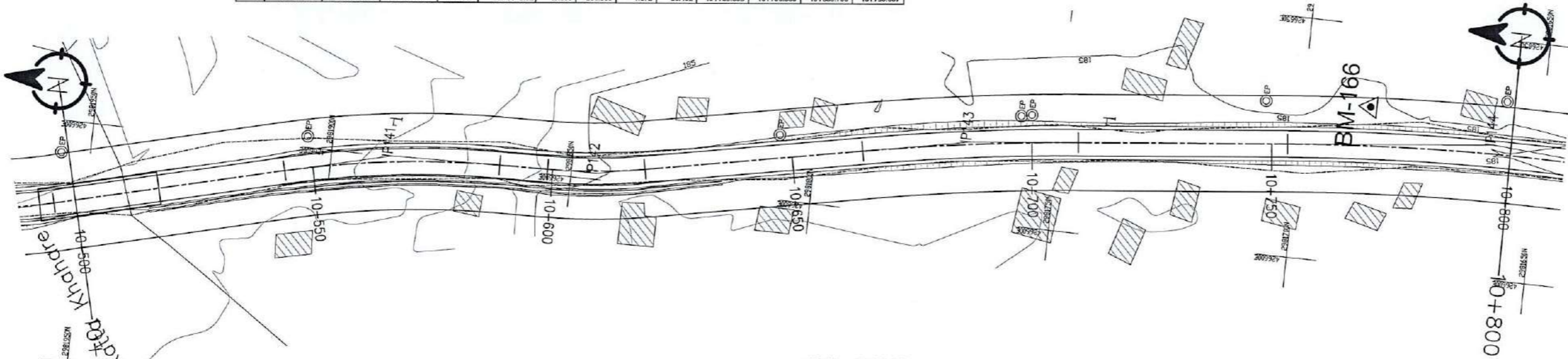
DATE	REVISION	SIGNATURE	DESIGNED BY :	DRAWN BY :	CHECKED BY :	APPROVED BY :



Plan & Profile
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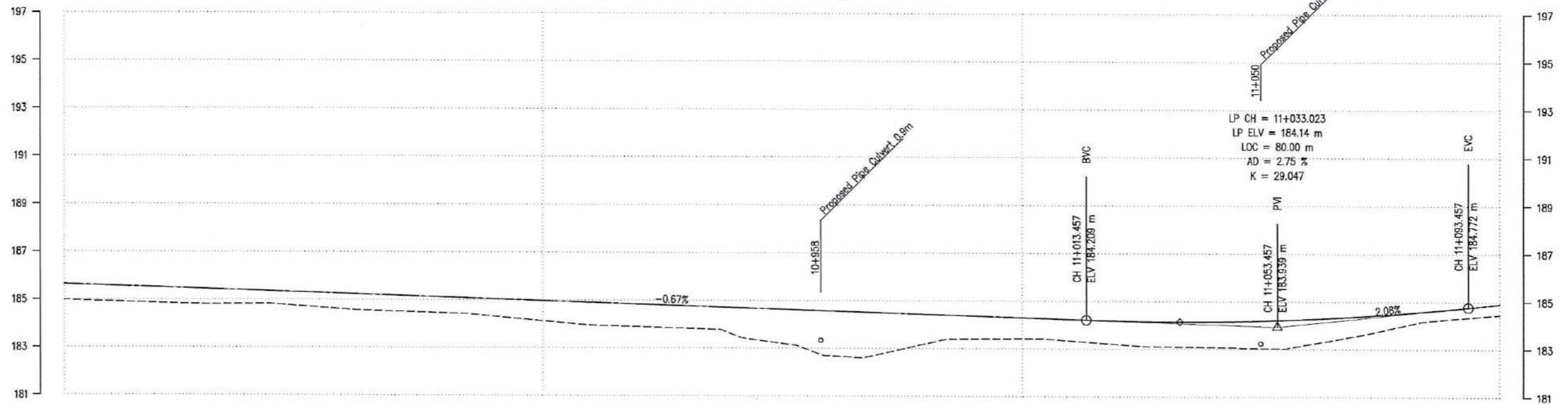
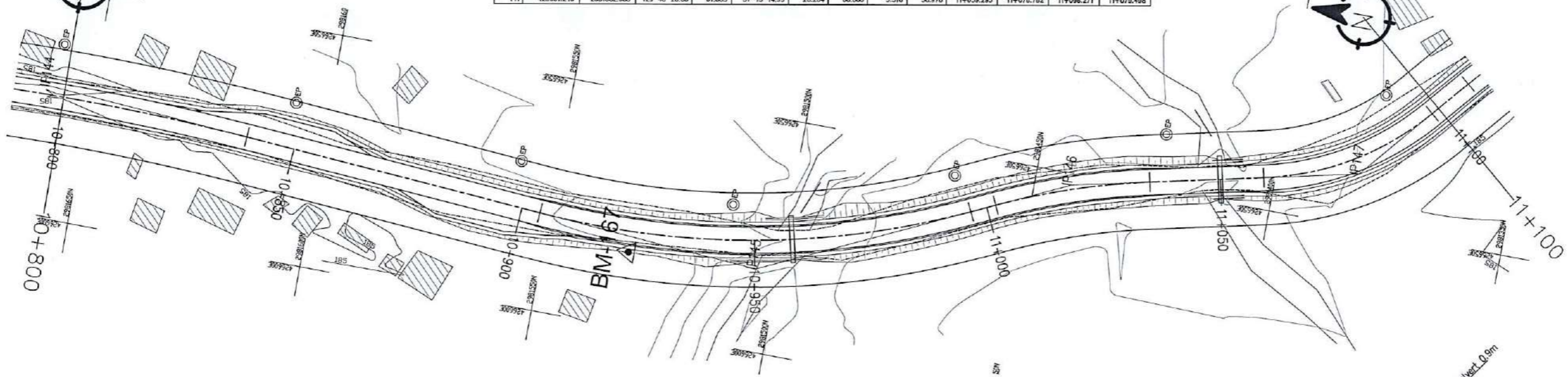
DATE: _____
DRG NO : PP # _____
SHEET NO : 35

IP No.	CO-ORDINATES(m)		WCS (D-M-S)	DST. (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
140	426580.457	298196.015	165-41-59.00	158.283	10-13-36.16	8.949	100.000	0.400	17.850	10+477.676	10+486.601	10+495.526	10+496.625
141	426600.227	2981887.458	178-32-32.66	80.037	12-50-33.66	22.509	200.000	1.263	44.829	10+544.105	10+566.510	10+588.934	10+566.614
142	426601.313	2981844.769	188-49-22.03	42.703	09-43-10.63	10.203	120.000	0.433	20.357	10+598.925	10+609.103	10+619.282	10+609.128
143	426616.466	2981768.062	173-57-40.43	78.170	05-08-18.40	22.436	500.000	0.503	44.841	10+664.814	10+687.234	10+709.655	10+687.249
144	426627.980	2981656.242	183-51-43.95	109.447	09-54-3.52	43.309	500.000	1.872	86.402	10+753.358	10+796.559	10+839.760	10+796.667



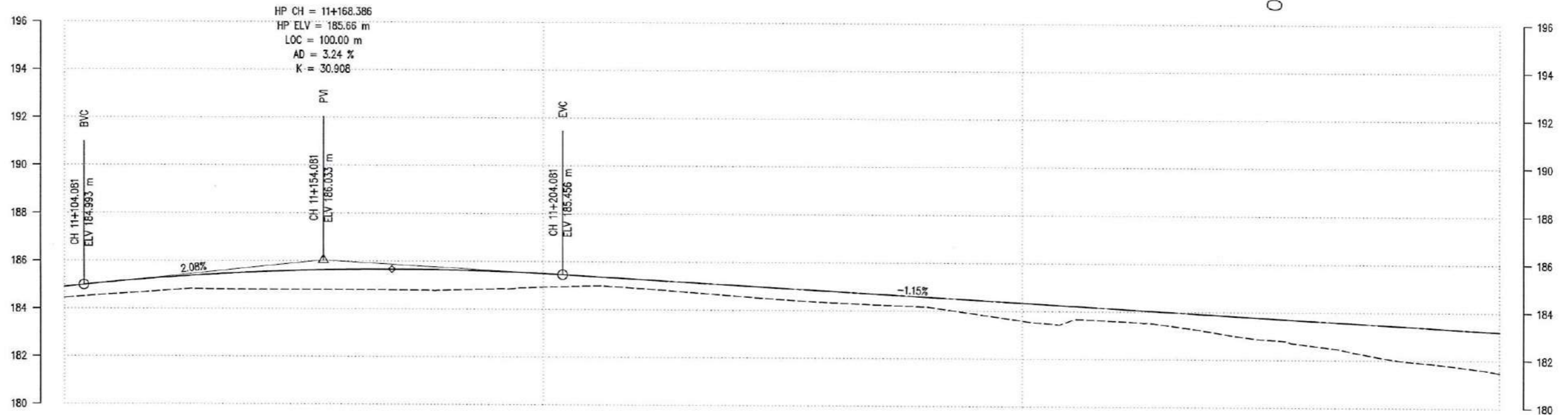
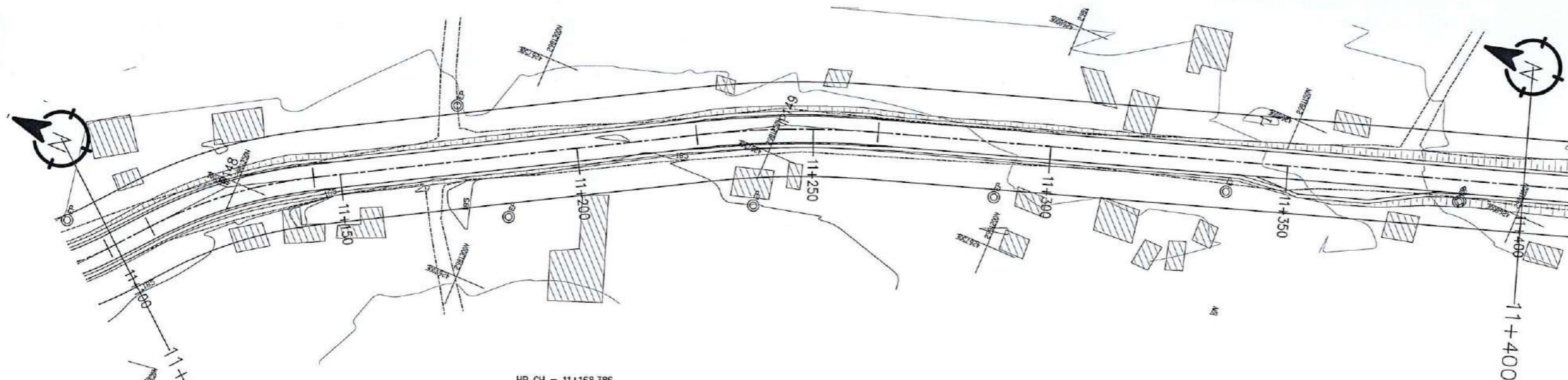
DESIGN LEVEL(m)	181.497	181.497	181.497	181.497	181.497	181.497	181.596	182.074	182.853	183.613	184.284	184.867	185.350	185.765	186.081	186.307	186.445	186.494	186.455	186.388	186.320	186.253	186.186	186.118	186.051	185.984	185.916	185.849	185.782	185.714	185.647
EXISTING LEVEL(m)	181.167	181.012	181.369	181.576	181.698	181.799	182.010	182.319	182.880	183.443	184.164	184.875	185.492	185.780	185.780	185.775	185.738	185.688	185.597	185.618	185.681	185.753	185.841	185.696	185.463	185.231	185.124	185.128	185.134	185.060	184.966
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																	LEFT													
SUPER ELEVATION	T																	NC													

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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
144	426627.980	2961659.242	183-51-43.95	109.447	09-54-3.52	43.309	500.000	1.872	86.402	10+753.358	10+796.558	10+839.760	10+796.667
145	426617.552	2961504.780	154-23-52.12	154.813	29-27-51.83	47.330	180.000	6.119	92.565	10+903.934	10+950.217	10+996.499	10+951.264
146	426647.532	2961442.713	167-01-34.98	69.379	12-37-42.86	16.598	150.000	0.916	33.062	11+001.950	11+018.480	11+035.011	11+018.548
147	426661.246	2961382.688	129-48-20.06	61.085	37-13-14.93	20.204	60.000	3.310	38.978	11+059.293	11+076.782	11+098.271	11+079.408



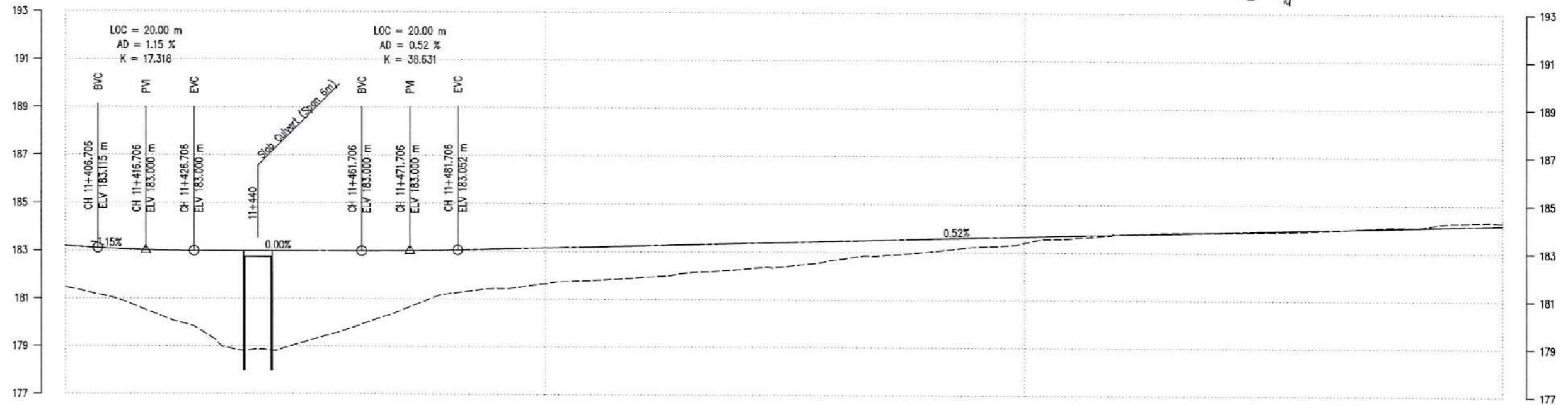
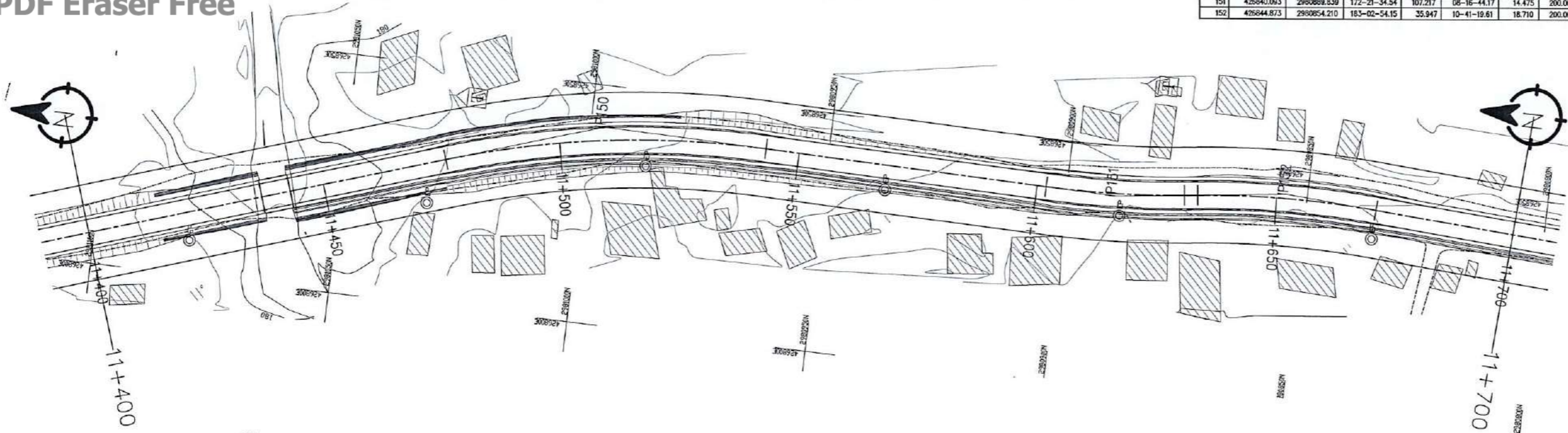
DESIGN LEVEL(m)	185.647	185.579	185.512	185.445	185.377	185.310	185.243	185.175	185.108	185.041	184.973	184.906	184.838	184.771	184.704	184.636	184.569	184.502	184.434	184.367	184.300	184.232	184.172	184.145	184.151	184.193	184.268	184.378	184.523	184.702	184.908	
EXISTING LEVEL(m)	184.986	184.920	184.857	184.806	184.818	184.724	184.579	184.509	184.445	184.307	184.122	183.948	183.889	183.827	183.544	183.195	182.688	182.748	183.206	183.403	183.416	183.333	183.189	183.095	183.077	183.039	183.214	183.577	184.005	184.287	184.451	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	IP-144 R=500.00		NC		T		T		T		T		T		T		T		T		T		T		T		T		T		T	
	10+800																															

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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
147	425661.246	2981382.688	129-48-20.06	61.095	37-13-14.93	20.204	60.000	3.310	38.978	11+059.203	11+078.782	11+098.271	11+079.498
148	425668.395	2981351.730	150-28-47.56	48.357	20-40-27.50	19.240	100.000	1.650	36.083	11+108.184	11+128.225	11+144.287	11+126.424
149	425756.780	2981248.820	151-25-53.63	118.493	10-57-6.07	19.173	200.000	0.917	38.229	11+225.347	11+244.461	11+263.576	11+244.520
150	425841.288	2980997.049	180-38-18.70	265.385	19-12-25.07	33.840	200.000	2.843	67.045	11+475.948	11+509.471	11+542.993	11+509.788



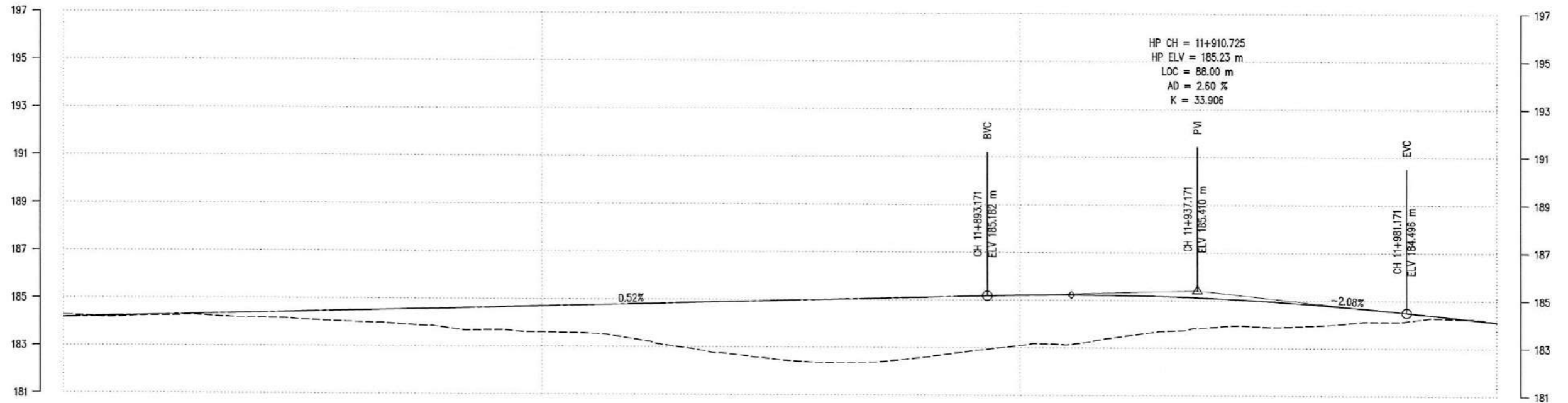
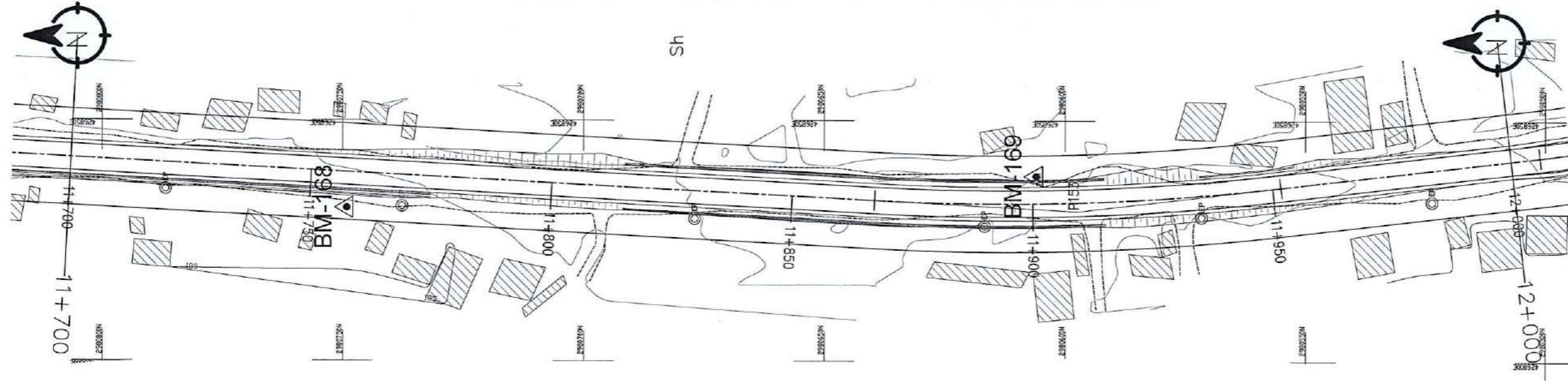
DESIGN LEVEL(m)	184.908	185.110	185.283	185.423	185.531	185.607	185.650	185.681	185.640	185.586	185.500	185.387	185.272	185.156	185.041	184.925	184.810	184.694	184.579	184.463	184.348	184.232	184.117	184.001	183.886	183.770	183.655	183.539	183.424	183.308	183.193	
EXISTING LEVEL(m)	184.451	184.603	184.736	184.816	184.801	184.803	184.800	184.796	184.795	184.849	184.927	184.989	184.893	184.747	184.593	184.451	184.330	184.249	184.168	183.896	183.601	183.606	183.600	183.442	183.151	182.868	182.625	182.306	181.969	181.775	181.475	
CHAINAGE(Km)	11+100	11+110	11+120	11+130	11+140	11+150	11+160	11+170	11+180	11+190	11+200	11+210	11+220	11+230	11+240	11+250	11+260	11+270	11+280	11+290	11+300	11+310	11+320	11+330	11+340	11+350	11+360	11+370	11+380	11+390	11+400	
HORIZONTAL ALIGNMENT	RIGHT																	LEFT														
SUPER ELEVATION	T																	NC														
Project Coordination Unit	11+100	11+103.559	11+142.882	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667	11+109.559	11+148.667

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST (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
150	426841.288	2980927.049	180-30-18.70	265.385	19-12-25.07	33.840	200.000	2.843	67.045	11+475.948	11+509.471	11+542.993	11+509.788
151	426840.093	2980889.839	172-21-34.54	107.217	08-16-44.17	14.475	200.000	0.523	28.899	11+601.896	11+616.346	11+630.795	11+616.371
152	426844.873	2980854.210	183-02-54.15	35.947	10-41-19.61	18.710	200.000	0.873	37.311	11+633.558	11+652.214	11+670.869	11+652.268



DESIGN LEVEL(m)	183.193	183.081	183.013	183.000	183.000	183.000	183.000	183.009	183.043	183.095	183.146	183.198	183.250	183.302	183.354	183.405	183.457	183.509	183.561	183.612	183.664	183.716	183.768	183.820	183.871	183.923	183.975	184.027	184.078	184.130	184.182																																																																																																
EXISTING LEVEL(m)	181.475	181.025	180.262	179.424	178.870	179.200	179.809	180.530	181.229	181.446	181.653	181.795	181.921	182.123	182.251	182.399	182.671	182.857	183.020	183.239	183.406	183.610	183.775	183.844	183.850	183.880	183.936	184.029	184.098	184.277	184.291																																																																																																
CHAINAGE(Km)	11+400	11+410	11+420	11+430	11+440	11+450	11+460	11+470	11+480	11+490	11+500	11+510	11+520	11+530	11+540	11+550	11+560	11+570	11+580	11+590	11+600	11+610	11+620	11+630	11+640	11+650	11+660	11+670	11+680	11+690	11+700																																																																																																
HORIZONTAL ALIGNMENT	RIGHT																	LEFT																																																																																																													
SUPER ELEVATION	NC																	T																																																																																																													
VERTICAL CURVE DATA	IP-150 R=200.00																	IP-151 R=200.00										IP-152 R=200.00																																																																																																			
VERTICAL CURVE DATA	-4																	2.5										-2.5																																																																																																			
VERTICAL CURVE DATA	11+400																	11+461.74										11+479.615										11+539.327										11+557.202										11+597.496										11+603.271										11+629.42										11+634.633										11+669.494										11+675.269										11+700									

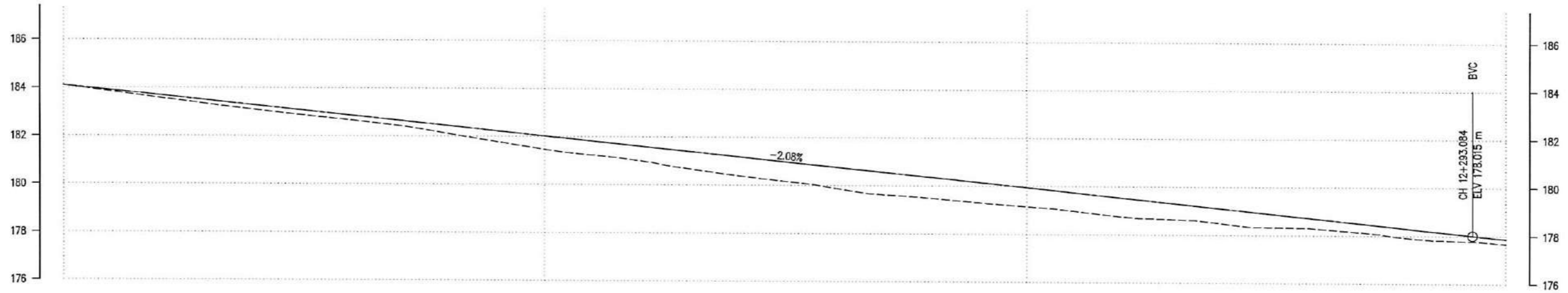
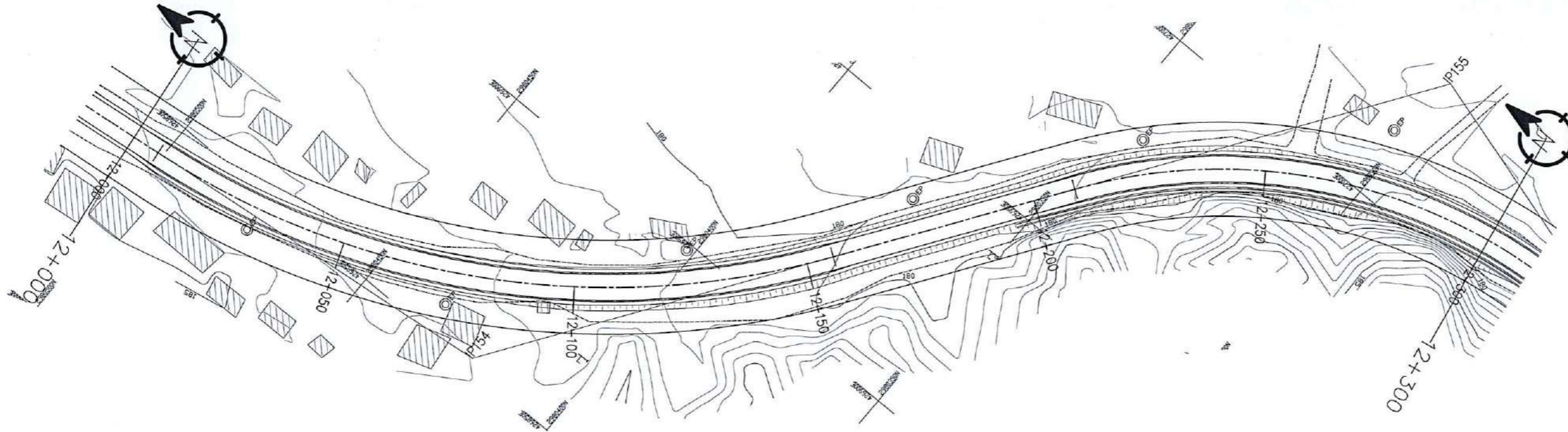
P No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHANGAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
152	426844.873	2980654.210	183-02-54.15	35.947	10-41-19.61	18.710	200.000	0.873	37.311	11+633.558	11+652.214	11+670.869	11+682.268
153	426831.186	2980597.209	173-21-21.89	257.366	09-41-32.25	42.392	500.000	1.794	84.581	11+867.133	11+909.424	11+951.715	11+969.525
154	426851.607	2980421.881	124-21-7.24	176.503	45-00-14.55	79.760	175.000	17.319	149.674	12+006.066	12+060.903	12+155.740	12+085.825



DESIGN LEVEL(m)	184.182	184.234	184.285	184.337	184.389	184.441	184.493	184.544	184.596	184.648	184.700	184.751	184.803	184.855	184.907	184.958	185.010	185.062	185.114	185.166	185.210	185.227	185.215	185.173	185.101	185.000	184.869	184.709	184.520	184.312	184.104					
EXISTING LEVEL(m)	184.291	184.194	184.240	184.251	184.169	184.090	184.018	183.928	183.777	183.691	183.605	183.556	183.295	182.957	182.665	182.457	182.344	182.398	182.592	182.650	183.093	183.138	183.441	183.703	183.873	183.907	183.931	184.078	184.109	184.254	184.107					
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	_____																																		
	LEFT	_____																																		
SUPER ELEVATION	NC																																			
	11+700	_____																																	11+990.941	12+000



P 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
154	426851.607	2980421.891	124-21-7.24	176.503	49-00-14.65	79.760	175.000	17.319	149.674	12+006.066	12+080.903	12+155.740	12+285.825
155	427030.062	2980299.921	196-06-58.10	216.155	71-45-50.96	83.191	115.000	26.936	144.040	12+208.944	12+280.964	12+352.984	12+292.135



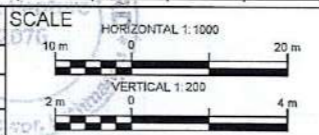
DESIGN LEVEL(m)	184.104	183.997	183.889	183.481	183.273	183.066	182.858	182.650	182.442	182.235	182.027	181.819	181.611	181.403	181.196	180.988	180.780	180.572	180.365	180.157	179.949	179.741	179.534	179.326	179.118	178.910	178.702	178.495	178.287	178.079	177.876				
EXISTING LEVEL(m)	184.107	183.837	183.570	183.325	183.085	182.865	182.662	182.433	182.108	181.784	181.470	181.235	181.000	180.679	180.405	180.168	179.900	179.632	179.488	179.314	179.155	178.977	178.750	178.649	178.502	178.334	178.231	178.131	177.904	177.799	177.673				
CHAINAGE(Km)	12+000	12+010	12+020	12+030	12+040	12+050	12+060	12+070	12+080	12+090	12+100	12+110	12+120	12+130	12+140	12+150	12+160	12+170	12+180	12+190	12+200	12+210	12+220	12+230	12+240	12+250	12+260	12+270	12+280	12+290	12+300				
HORIZONTAL ALIGNMENT	RIGHT																LEFT										IP-155 R=115.00								
SUPER ELEVATION	T										4.5					T					NC					T					-5.5				

Government of Nepal
Ministry of Federal Affairs and General Administration
Department of Local Infrastructure (DOLINF)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
Pulchowk, Lalitpur

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Jagadi - Dhansari -
Ganeshman Charnath Na. Pa.
(Province No - 2 Connecting)
Road, Sindhuli

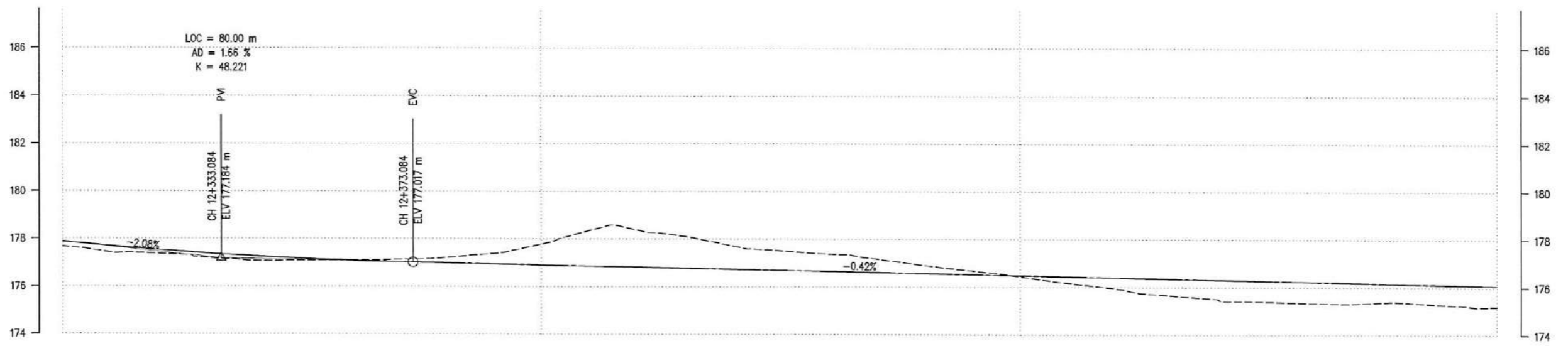
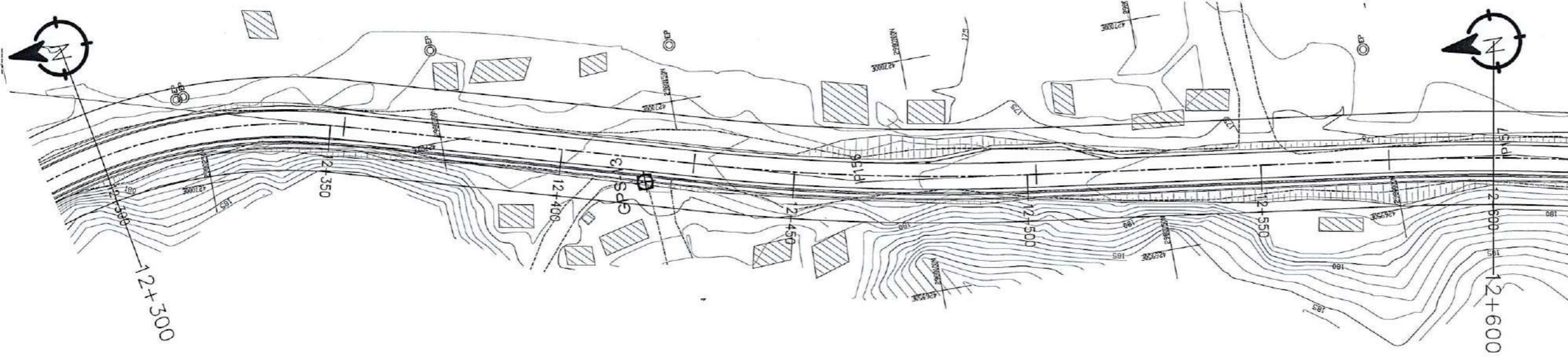
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Plan & Profile
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DATE:
DRG NO : PP
SHEET NO : 41

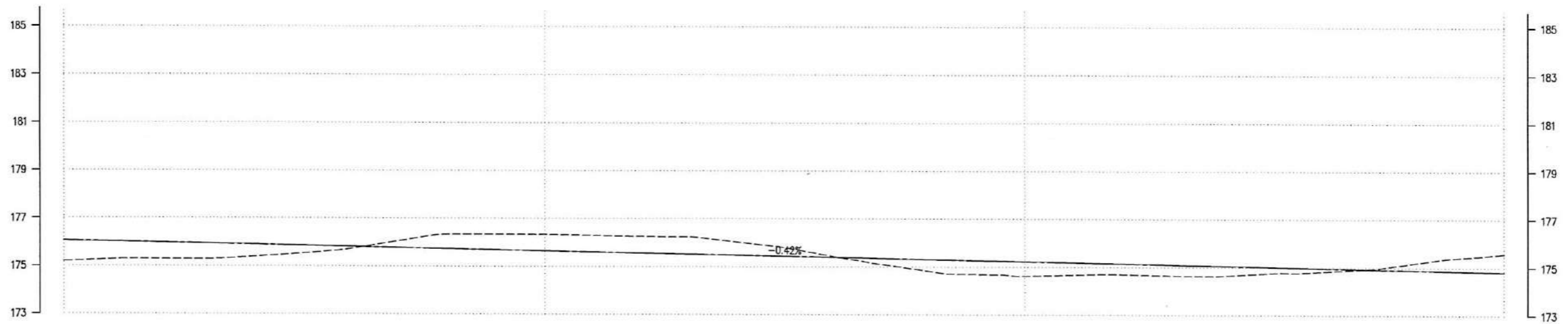
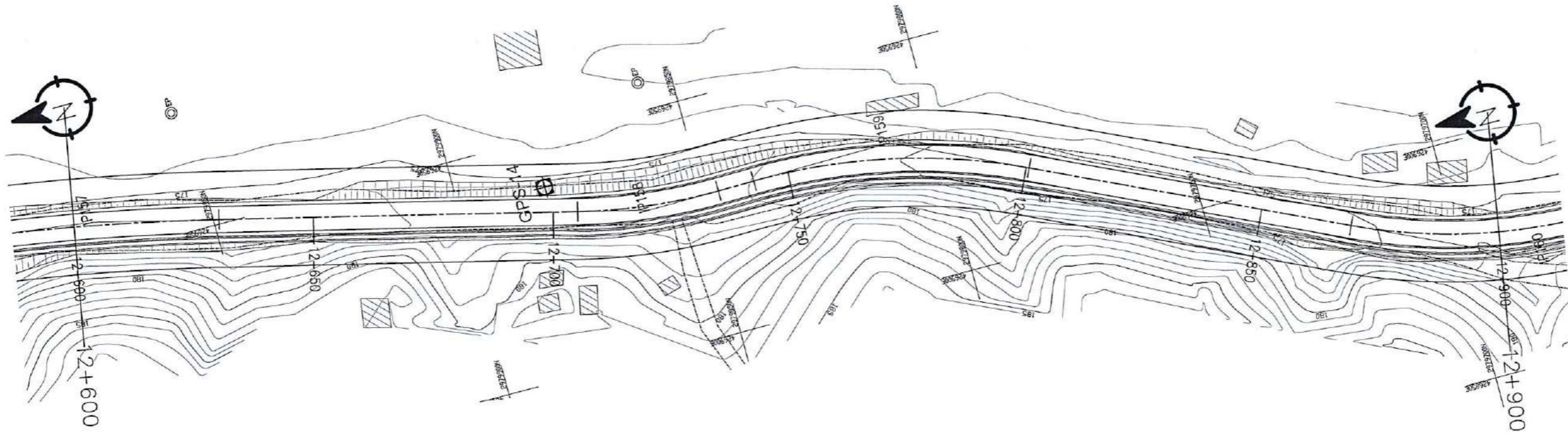
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
155	427030.062	2980299.921	196-06-58.10	216.155	71-45-50.86	83.191	115.000	26.936	144.040	12+208.944	12+290.964	12+352.984	12+292.135
156	426975.815	2980112.178	187-41-32.81	195.422	08-25-25.29	36.822	500.000	1.354	73.511	12+428.393	12+485.148	12+501.904	12+465.215
157	426957.228	2979974.852	193-45-0.57	138.877	06-03-27.75	26.456	500.000	0.699	52.863	12+577.502	12+603.934	12+630.366	12+603.959



DESIGN LEVEL(m)	177.876	177.893	177.931	177.989	177.269	177.168	177.089	177.030	176.988	176.946	176.904	176.862	176.820	176.778	176.736	176.695	176.653	176.611	176.569	176.527	176.485	176.443	176.402	176.360	176.318	176.276	176.234	176.192	176.150	176.108	176.067						
EXISTING LEVEL(m)	177.673	177.423	177.379	177.207	177.075	177.084	177.068	177.124	177.211	177.387	177.779	178.349	178.379	178.112	177.710	177.511	177.378	177.170	176.912	176.661	176.441	176.175	175.945	175.683	175.527	175.408	175.345	175.323	175.381	175.269	175.199						
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	-5.5																	T																			
	IP-155 R=115.00																	IP-156 R=500.00										IP-157 R=500.00									
	NC																	NC										NC									

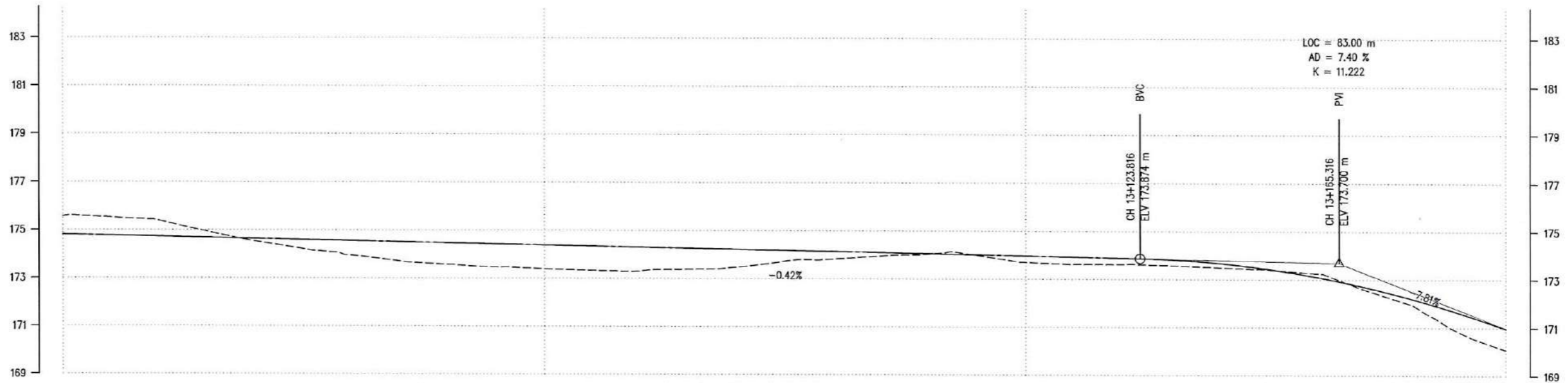
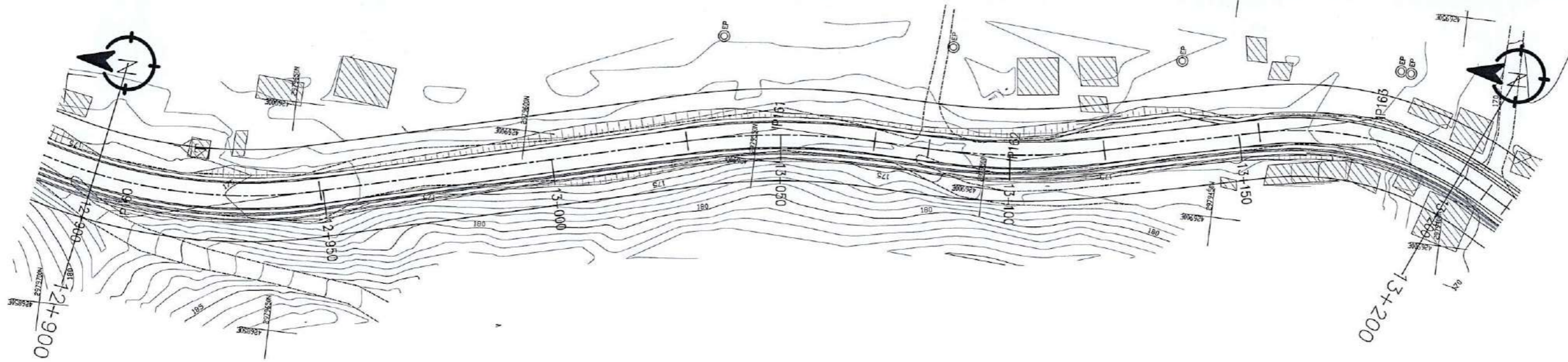
<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure Development Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: Joint Venture of AVIYAAN SOILTEST CARD 254 Ekaha Marg, New Baneshwor, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	<p>SCALE HORIZONTAL 1:1000 VERTICAL 1:200</p>	<p>Plan & Profile 12+300-12+600</p>	DATE:
						DRAWN BY :			DRG NO : PP
					CHECKED BY :			SHEET NO :	
					APPROVED BY :			42	

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	WC	EC	IP
157	426957.226	2979974.552	193-45-0.57	138.877	06-03-27.75	26.456	500.000	0.999	52.863	12+577.502	12+603.934	12+630.366	12+603.999
158	426929.613	2979861.711	179-31-21.17	116.170	14-13-30.40	14.976	120.000	0.931	29.798	12+705.103	12+720.003	12+734.902	12+720.080
159	426930.046	2979809.530	205-07-47.88	52.183	25-36-26.71	29.544	130.000	3.315	58.101	12+742.564	12+771.615	12+800.665	12+772.108
160	426870.693	2979682.991	165-05-27.81	139.768	40-02-20.07	41.901	115.000	7.396	80.363	12+868.988	12+909.170	12+949.352	12+910.889



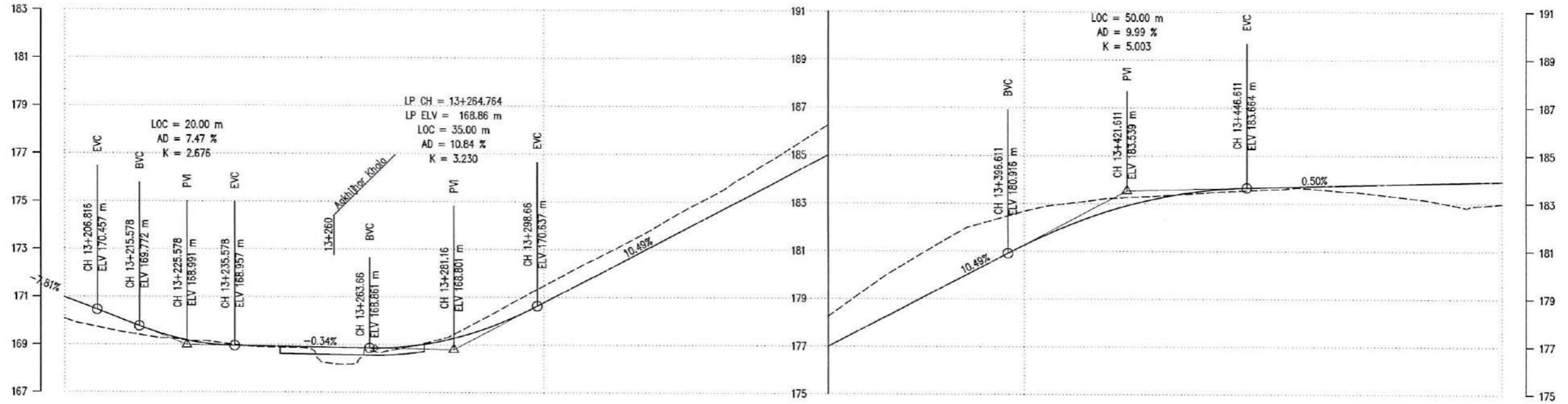
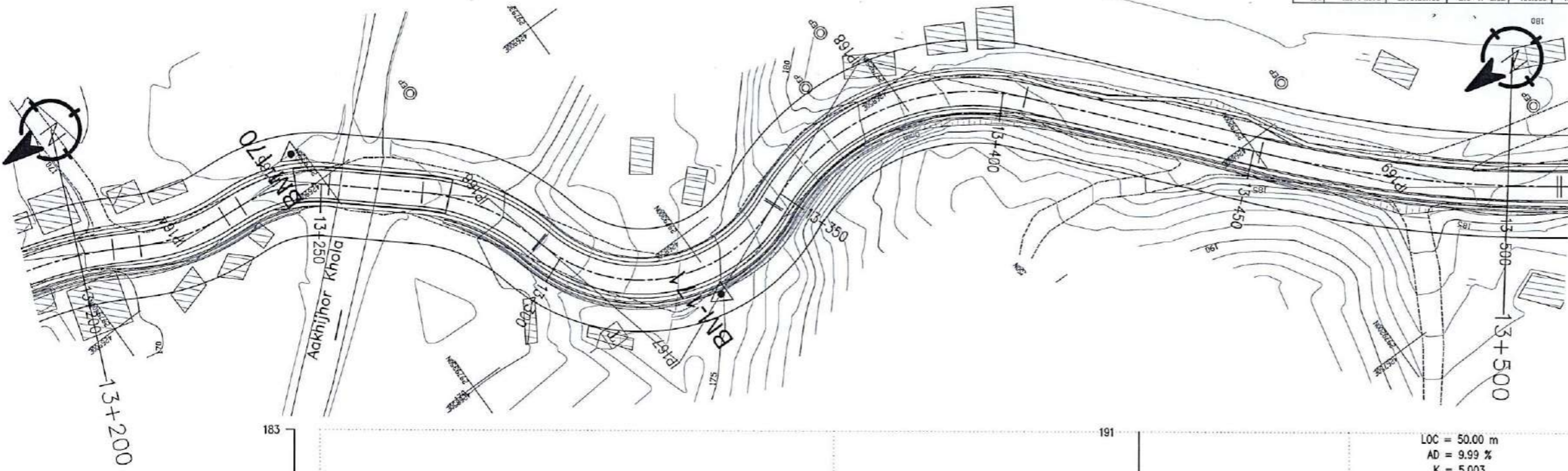
DESIGN LEVEL(m)	176.067	176.025	175.983	175.941	175.899	175.857	175.815	175.774	175.732	175.690	175.648	175.606	175.564	175.522	175.481	175.439	175.397	175.355	175.313	175.271	175.229	175.187	175.146	175.104	175.062	175.020	174.978	174.936	174.894	174.853	174.811					
EXISTING LEVEL(m)	175.199	175.276	175.287	175.286	175.398	175.537	175.737	176.069	176.333	176.336	176.332	176.295	176.256	176.245	176.029	175.797	175.431	175.111	174.830	174.696	174.625	174.673	174.686	174.654	174.636	174.746	174.808	174.808	174.922	175.152	175.404	175.574				
CHAINAGE(Km)	12+600	12+610	12+620	12+630	12+640	12+650	12+660	12+670	12+680	12+690	12+700	12+710	12+720	12+730	12+740	12+750	12+760	12+770	12+780	12+790	12+800	12+810	12+820	12+830	12+840	12+850	12+860	12+870	12+880	12+890	12+900					
HORIZONTAL ALIGNMENT	RIGHT	IP-157 R=500.00																IP-159 R=130.00																		
	LEFT																	IP-158 R=120.00										IP-160 R=115.00								
SUPER ELEVATION	NC																T		2.5		T		-2.5		T		NC		T		5.5					
	12+600										12+700.703	12+706.478		12+733.527	12+743.939		12+795.29	12+805.065							12+852.03		12+874.03					12+900				

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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	426870.693	2979682.991	165-05-27.81	139.768	40-02-20.07	41.901	115.000	7.396	80.363	12+968.988	12+909.170	12+949.352	12+910.889
161	426907.437	2979544.684	180-43-30.81	142.815	15-36-3.00	20.593	150.000	1.407	40.930	13+029.673	13+050.138	13+070.603	13+050.266
162	426906.794	2979493.455	168-06-49.13	51.533	14-36-41.68	19.231	150.000	1.228	38.253	13+082.312	13+101.436	13+120.565	13+101.543
163	426926.135	2979415.184	208-58-3.58	80.628	42-51-14.45	27.471	70.000	5.197	52.356	13+154.491	13+180.569	13+206.647	13+181.962



DESIGN LEVEL(m)	174.811	174.769	174.727	174.685	174.643	174.601	174.560	174.518	174.476	174.434	174.392	174.350	174.308	174.266	174.225	174.183	174.141	174.099	174.057	174.015	173.973	173.932	173.890	173.831	173.689	173.459	173.139	172.730	172.232	171.645	170.969																																																																																																
EXISTING LEVEL(m)	175.574	175.521	175.383	174.934	174.534	174.212	173.947	173.709	173.578	173.478	173.397	173.331	173.325	173.391	173.488	173.735	173.826	173.956	174.044	173.987	173.707	173.630	173.627	173.584	173.509	173.426	173.270	172.828	171.991	170.862	170.084																																																																																																
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																	IP-161 R=150.00										IP-162 R=150.00										IP-163 R=70.00																																																																																									
SURFACE ELEVATION	LEFT																	5.5										T										NC										T										-2.5										T										2.5										T										NC										T										-2.5									
Stationing	12+900																	12+944.31										12+966.31										13+022.799										13+031.048										13+069.228										13+083.687										13+119.19										13+124.985										13+150.091										13+155.866										13+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
163	426926.135	2979415.184	208-58-3.58	80.628	42-51-14.45	27.471	70.000	5.197	52.356	13+154.491	13+180.669	13+206.847	13+181.962
164	426905.915	2979376.658	183-57-52.76	41.750	25-00-10.82	8.969	40.000	0.971	17.455	13+212.257	13+220.985	13+229.713	13+221.126
165	426904.303	2979356.698	220-48-6.60	22.012	36-50-13.84	9.324	28.000	1.512	18.002	13+233.531	13+242.532	13+251.533	13+242.856
166	426877.976	2979326.096	256-42-17.31	40.427	35-54-10.71	12.959	40.000	2.047	25.065	13+269.676	13+282.209	13+294.741	13+282.635
167	426830.361	2979314.845	156-51-17.47	48.928	99-50-59.85	35.658	30.000	16.590	52.281	13+295.050	13+321.191	13+347.332	13+330.708
168	426857.430	2979251.521	229-07-22.89	68.867	72-15-5.42	32.856	45.000	10.718	56.759	13+347.685	13+378.065	13+404.444	13+380.541
169	426774.873	2979180.153	215-47-2.32	109.053	13-20-20.57	29.233	250.000	1.703	58.203	13+451.408	13+480.509	13+509.610	13+480.641



DESIGN LEVEL(m)	170.969	170.208	169.453	169.034	168.941	168.907	168.875	168.901	169.218	169.844	170.778	171.827	172.876	173.926	174.975	176.024	177.074	178.123	179.172	180.222	181.260	182.141	182.823	183.305	183.587	183.681	183.731	183.781	183.631	183.681	183.931
EXISTING LEVEL(m)	170.084	169.603	169.275	169.141	168.913	168.852	168.184	168.842	169.314	170.376	171.484	172.546	173.582	174.731	175.879	177.072	178.365	179.817	181.048	182.099	182.672	183.025	183.244	183.349	183.485	183.583	183.633	183.488	183.262	182.942	182.993
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 IP-163 R=70.00		LEFT IP-164 R=40.00		RIGHT IP-165 R=28.00		LEFT IP-166 R=40.00		RIGHT IP-167 R=30.00		LEFT IP-168 R=45.00		RIGHT IP-169 R=250.00																		
SUPER ELEVATION	-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	-2.5	T	NC	T	2.5	T	2.5	T	2.5	T	2.5	T	2.5

Government of Nepal
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Department of Local Infrastructure Development
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Jagadi - Dhansari -
Ganeshman Charnath Na. Pa.
(Province No - 2 Connecting)
Road, Sindhuli

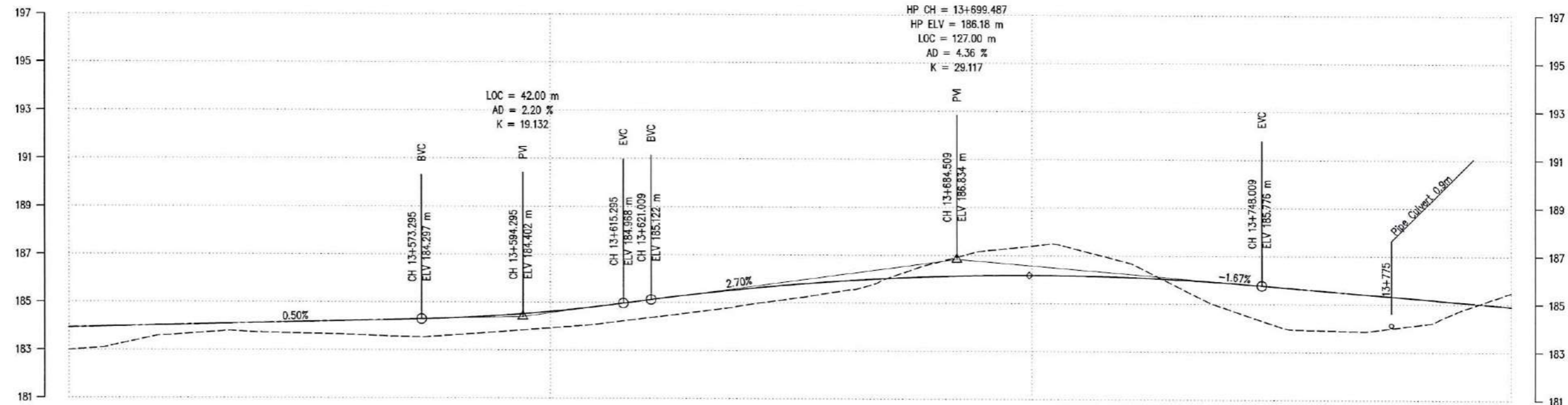
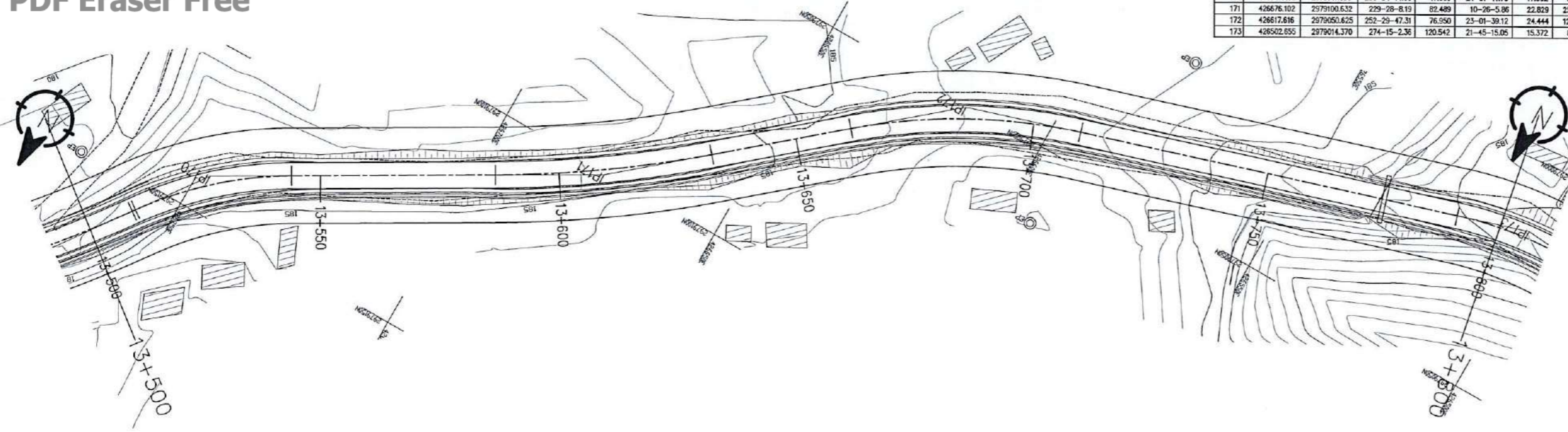
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SCALE
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VERTICAL 1:200

Plan & Profile
13+200-13+500

DATE: _____
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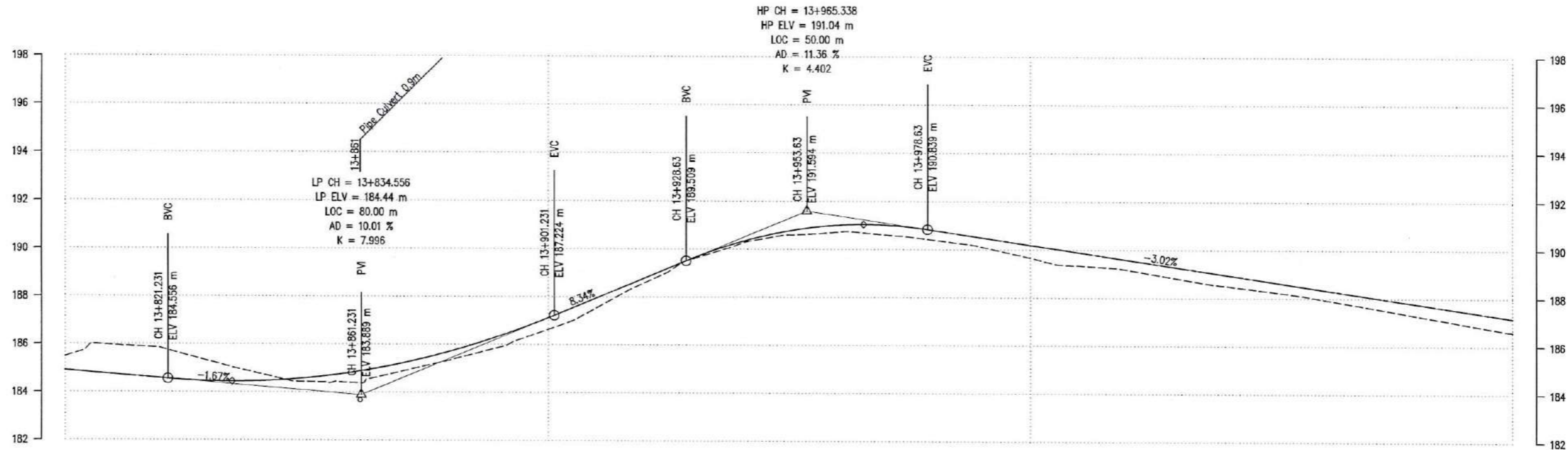
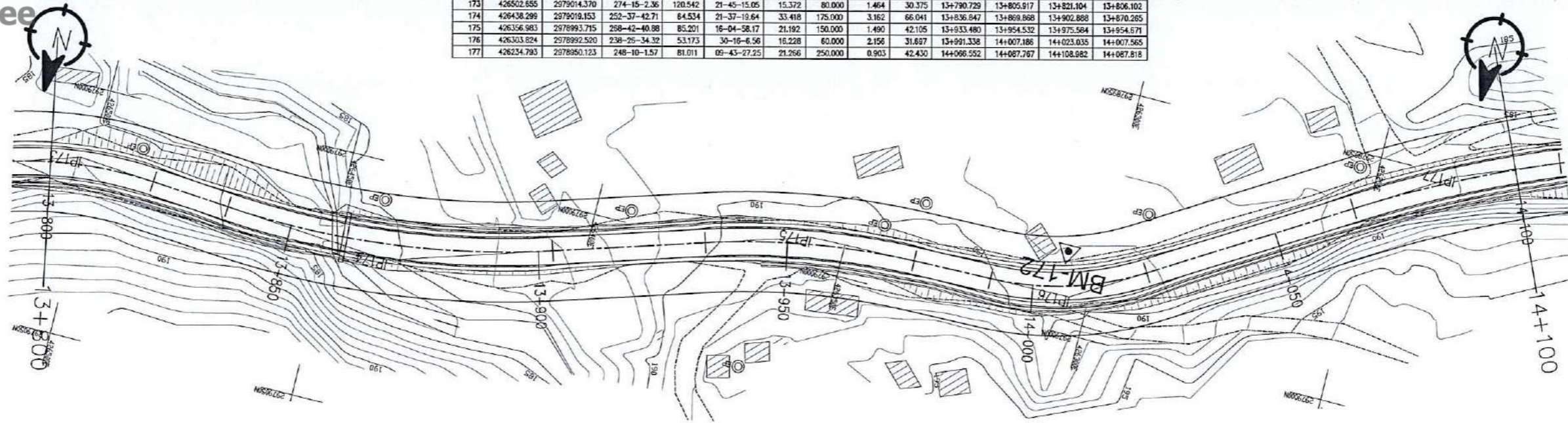
IP No.	CO-ORDINATES(m)		WGS (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
169	426774.973	2979180.153	215-47-2.32	109.053	13-20-20.57	29.233	250.000	1.703	58.203	134451.408	134480.509	134509.610	134480.641
170	426747.470	2979141.996	239-54-14.05	47.036	24-07-11.73	17.082	80.000	1.805	33.678	134510.321	134527.160	134543.999	134527.413
171	426676.102	2979100.632	229-28-8.19	82.489	10-26-5.86	22.829	250.000	1.040	45.531	134586.567	134609.333	134632.098	134609.396
172	426617.616	2979050.625	252-29-47.31	76.950	23-01-39.12	24.444	120.000	2.464	48.229	134661.775	134685.890	134710.004	134686.219
173	426502.655	2979014.370	274-15-2.36	120.542	21-45-15.05	15.372	80.000	1.464	30.375	134790.729	134805.917	134821.104	134806.102



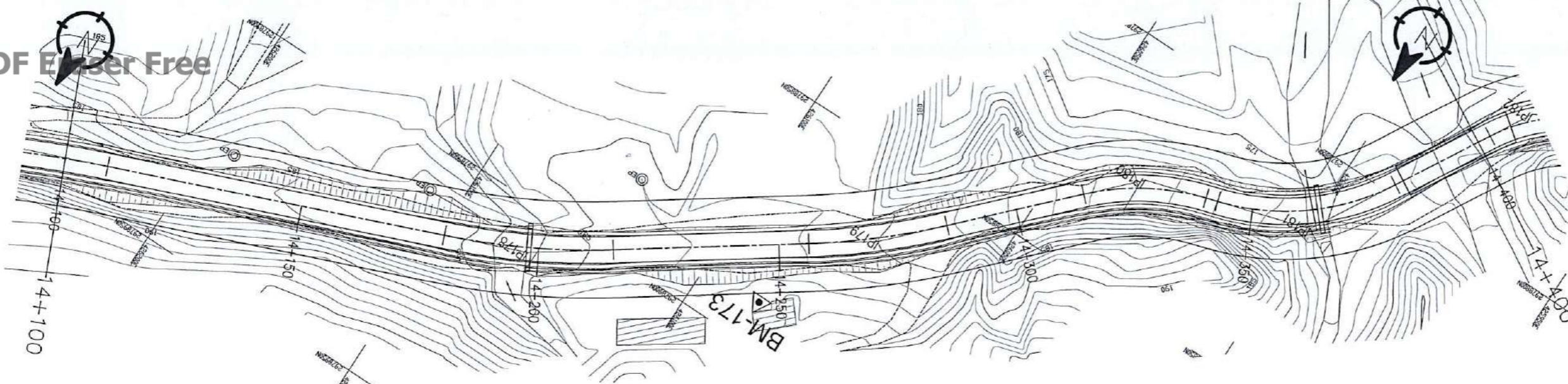
DESIGN LEVEL(m)	183.931	183.981	184.031	184.081	184.131	184.181	184.231	184.281	184.343	184.454	184.617	184.833	185.095	185.351	185.572	185.760	185.912	186.031	186.115	186.165	186.180	186.161	186.108	186.020	185.898	185.743	185.576	185.409	185.243	185.076	184.909																										
EXISTING LEVEL(m)	182.993	183.220	183.605	183.745	183.726	183.682	183.630	183.553	183.629	183.777	183.931	184.099	184.348	184.600	184.880	185.168	185.485	186.035	186.683	187.187	187.396	187.234	186.722	185.760	184.847	184.171	183.914	183.874	184.130	184.798	185.487																										
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-169 R=250.00																	IP-170 R=80.00										IP-171 R=250.00										IP-172 R=120.00										IP-173 R=80.00									
	2.5	T	-2.5	T	NC	T	3.5	T	-5	T	NC	T	-6	T	NC	T	-6	T	NC	T	-6	T	NC	T	-6	T	NC	T	-6	T	NC	T	-6																								
	13+500	13+508.235	13+511.696	13+542.624	13+548.399	13+573.276	13+589.776	13+628.89	13+666.358	13+705.421	13+726.046	13+780.004	13+794.029	13+800																																											

<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure (DoL.I.) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: Joint Venture of AVIYAAN SOILTEST CARD 134-Ekaha Marg, New Baneshwor, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	<p>SCALE HORIZONTAL 1:1000 VERTICAL 1:200</p>	<p>Plan & Profile 13+500-13+800</p>	DATE:
						DRAWN BY :			DRG NO : PP
					CHECKED BY :			SHEET NO : 46	
					APPROVED BY :				

IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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
173	426502.655	2979014.370	274-15-2.36	120.542	21-45-15.05	15.372	80.000	1.464	30.375	13+790.729	13+805.917	13+821.104	13+806.102
174	426438.299	2979019.153	252-37-42.71	84.534	21-37-19.64	33.418	175.000	3.162	66.041	13+836.847	13+869.888	13+902.888	13+870.285
175	426356.983	2978993.715	258-42-40.88	85.201	16-04-58.17	21.192	150.000	1.490	42.105	13+933.480	13+954.532	13+975.584	13+954.671
176	426303.824	2978992.520	238-25-34.32	53.173	30-16-6.56	18.228	60.000	2.156	31.697	13+991.338	14+007.186	14+023.035	14+007.565
177	426234.793	2978950.123	248-10-1.57	81.011	09-43-27.25	21.266	250.000	0.903	42.430	14+066.552	14+087.767	14+108.982	14+087.818

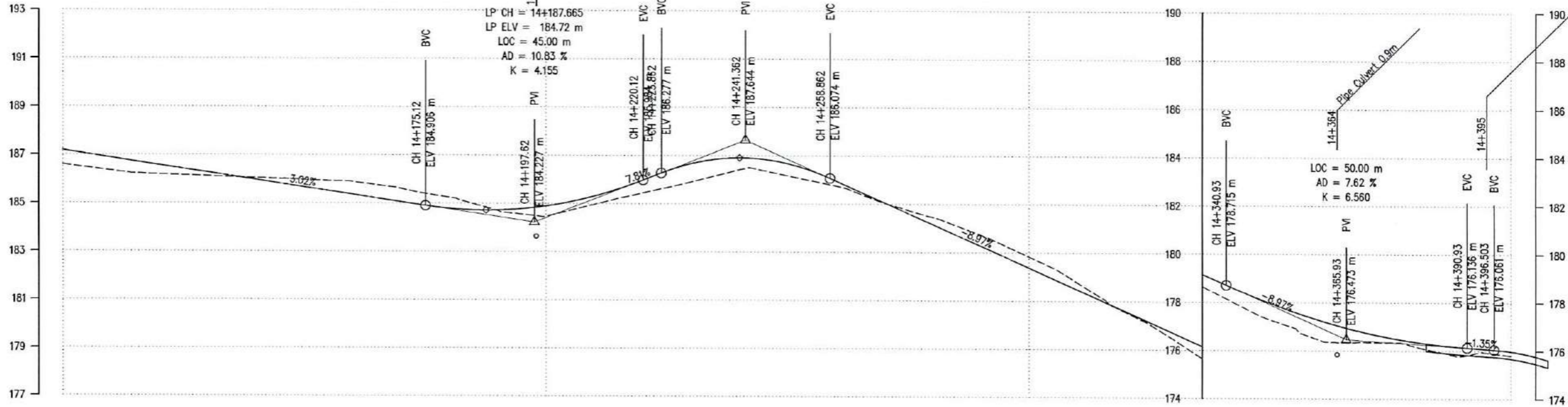


DESIGN LEVEL(m)	184.909	184.743	184.576	184.458	184.463	184.594	184.849	185.230	185.736	186.367	187.123	187.956	188.790	189.621	190.310	190.772	191.007	191.015	190.789	190.496	190.194	189.892	189.590	189.288	188.986	188.694	188.382	188.080	187.778	187.476	187.174	
EXISTING LEVEL(m)	185.487	185.955	185.818	185.279	184.778	184.436	184.390	184.891	185.373	185.893	186.633	187.547	188.592	189.587	190.236	190.599	190.720	190.605	190.397	190.110	189.660	189.342	189.179	188.837	188.526	188.277	187.984	187.545	187.292	186.940	186.602	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	-6		T		2.5		NC		T		-4.5		T		2.5		NC		T		-3.5		T		NC		T		-3.5		T	



HP CH = 14+240.156
 HP ELV = 186.91 m
 LOC = 35.00 m
 AD = 16.78 %
 K = 2.086

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (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	426234.793	2978950.123	248-10-1.57	81.011	09-43-27.25	21.266	250.000	0.903	42.430	14+066.552	14+087.767	14+108.982	14+087.818
178	426132.497	2978909.139	234-42-1.41	110.201	13-28-0.16	17.709	150.000	1.042	35.256	14+180.207	14+197.835	14+215.463	14+197.918
179	426072.924	2978866.959	223-36-16.95	72.994	11-05-44.46	14.570	150.000	0.706	29.048	14+256.177	14+270.701	14+285.225	14+270.747
180	426033.734	2978825.813	252-59-56.66	56.823	29-23-42.71	13.115	50.000	1.691	25.652	14+314.364	14+327.190	14+340.016	14+327.479
181	425999.599	2978815.377	209-15-36.61	35.695	43-44-23.05	20.069	50.000	3.877	38.170	14+342.527	14+361.612	14+380.697	14+362.596
182	425974.158	2978768.966	240-52-9.99	52.052	31-36-33.38	9.907	35.000	1.375	19.309	14+402.772	14+412.426	14+422.081	14+412.679



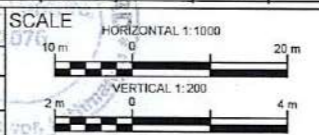
DESIGN LEVEL(m)	187.174	186.873	186.571	186.269	185.967	185.665	185.363	185.061	184.788	184.724	184.900	185.317	185.975	186.666	186.913	186.681	185.972	185.076	184.179	183.282	182.385	181.488	180.592	179.695	178.798	177.964	177.282	176.752	176.374	175.149	175.985	
EXISTING LEVEL(m)	186.602	185.341	186.192	186.118	186.043	185.971	185.886	185.613	185.250	184.702	184.467	184.972	185.448	185.908	186.416	186.181	185.761	185.053	184.467	183.737	182.843	181.785	180.558	179.437	178.240	177.276	176.463	176.359	176.195	175.799	175.801	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	-3.5	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	T	NC	

Government of Nepal
 Ministry of Federal Affairs and General Administration
 Department of Local Infrastructure (DoL)
 Rural Connectivity Improvement Project (RCIP)
 Project Coordination Unit (PCU)
 Pulchowk, Lalitpur

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

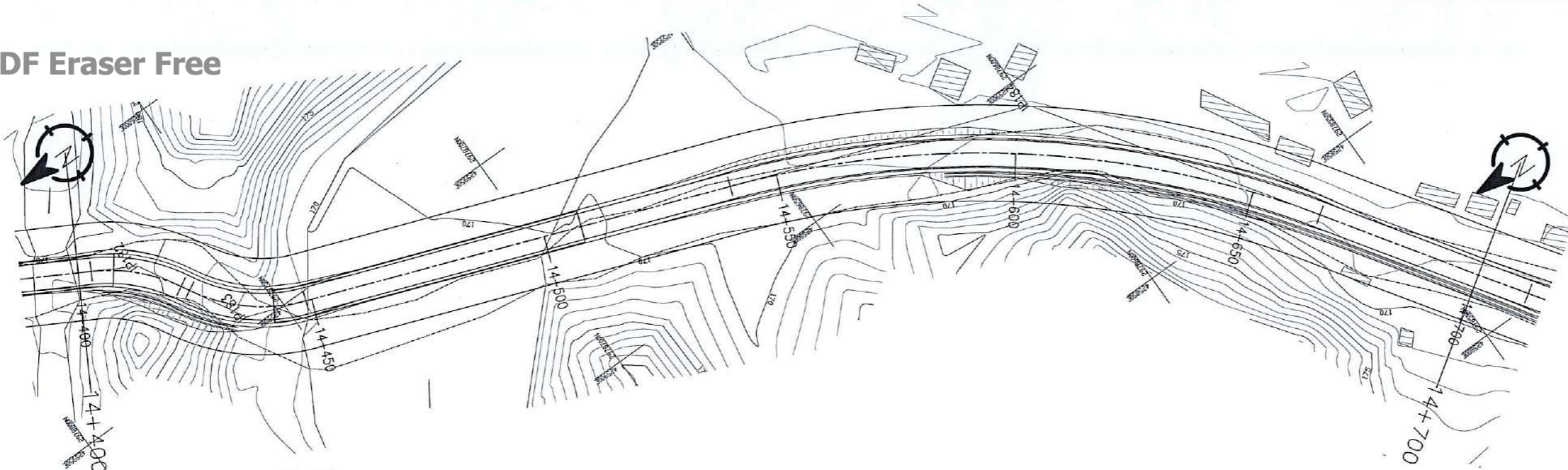
Jagadi - Dhansari -
 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli

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

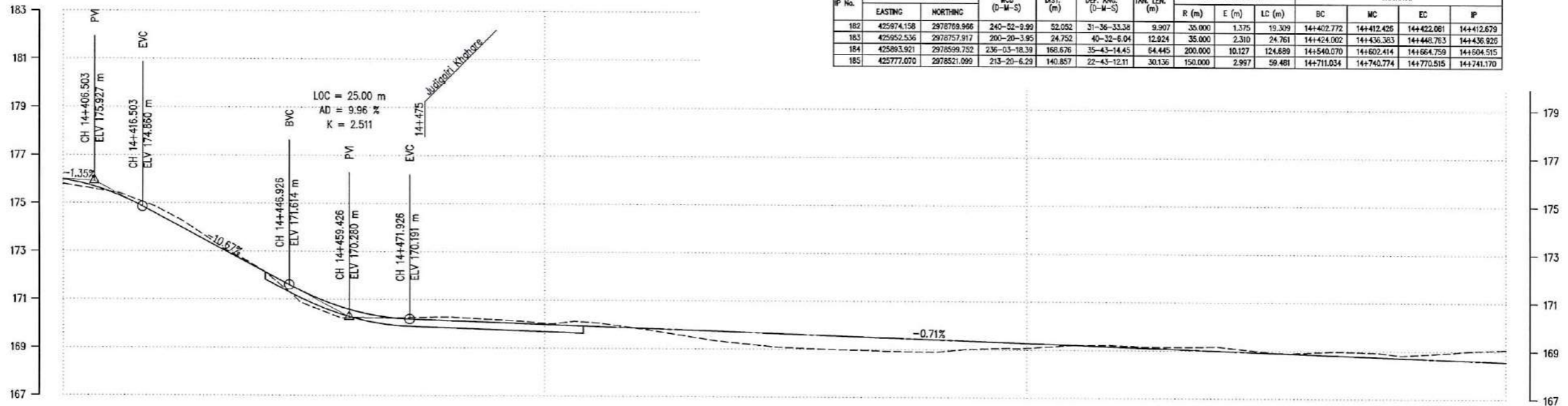


Plan & Profile
 14+100-14+400

DATE:
 DRG NO : PP
 SHEET NO : 48



LOC = 20.00 m
AD = 9.32 %
K = 2.145



IP No.	CO-ORDINATES(m)		WCB (D-W-S)	DIST. (m)	DEF. ANG. (D-W-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHANGAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
182	425974.158	2978769.966	240-22-9.99	52.092	31-36-33.38	9.907	35.000	1.375	19.309	14+402.772	14+412.426	14+422.081	14+432.679
183	425952.536	2978757.917	200-20-3.95	24.752	40-32-6.04	12.924	35.000	2.310	24.761	14+424.002	14+436.363	14+448.763	14+456.928
184	425893.921	2978599.752	236-03-18.39	168.676	35-43-14.45	64.445	200.000	10.127	124.689	14+540.070	14+602.414	14+664.759	14+704.515
185	425777.070	2978521.099	213-20-6.29	140.857	22-43-12.11	30.136	150.000	2.997	59.481	14+711.034	14+740.774	14+770.515	14+741.170

DESIGN LEVEL(m)	175.986	175.455	174.487	173.420	172.353	171.305	170.559	170.212	170.134	170.062	169.991	169.920	169.849	169.777	169.706	169.635	169.564	169.492	169.421	169.350	169.279	169.207	169.136	169.065	168.994	168.922	168.851	168.780	168.709	168.637	168.566
EXISTING LEVEL(m)	175.801	175.478	174.773	173.583	172.389	170.823	170.231	170.244	170.272	170.176	170.035	170.074	169.821	169.508	169.247	169.088	168.994	168.942	168.901	168.837	168.780	168.719	168.658	168.597	168.536	168.475	168.414	168.353	168.292	168.231	168.170
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	-2.5																	2.5													

Government of Nepal
Ministry of Federal Affairs and General Administration
Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
Pulchowk, Lalitpur

Consultant:
AVIYAAN - SOILTEST - CARD
Joint Venture of:
Ganeshman Charnath Na. Pa.
(Province No - 2 Connecting)
Road, Sindhuli

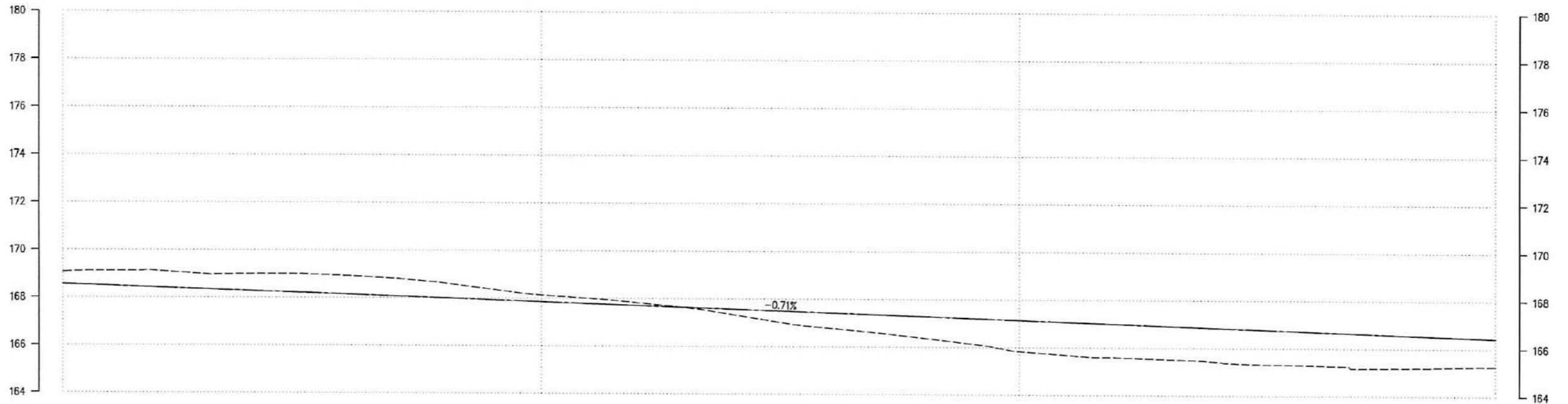
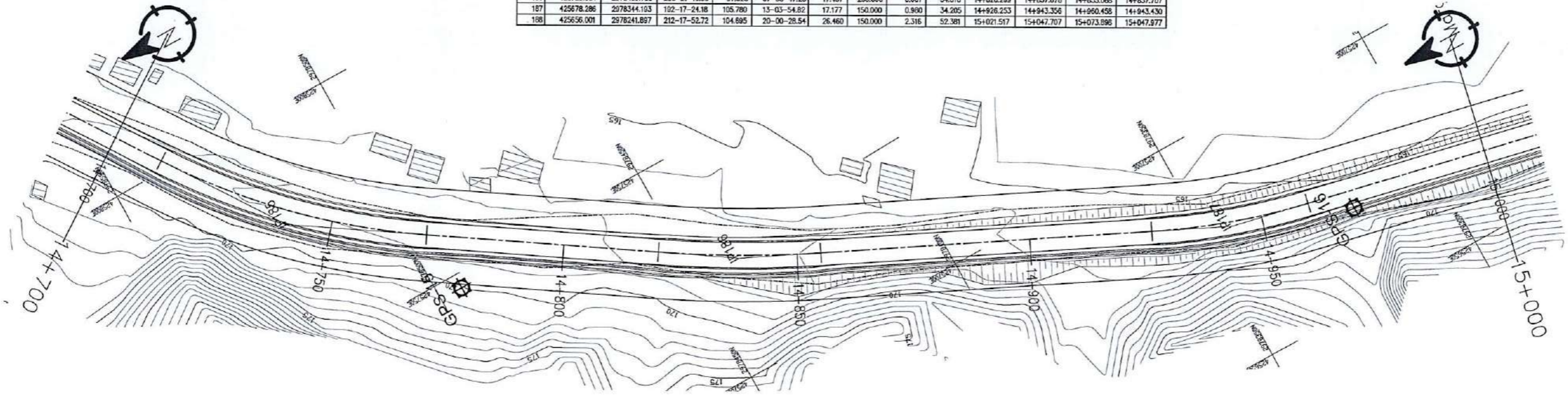
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REVISION: _____
SIGNATURE: _____
DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
APPROVED BY: _____

SCALE
HORIZONTAL 1:1000
VERTICAL 1:200

Plan & Profile
14+400-14+700

DATE: _____
DRG NO: PP
SHEET NO: 49

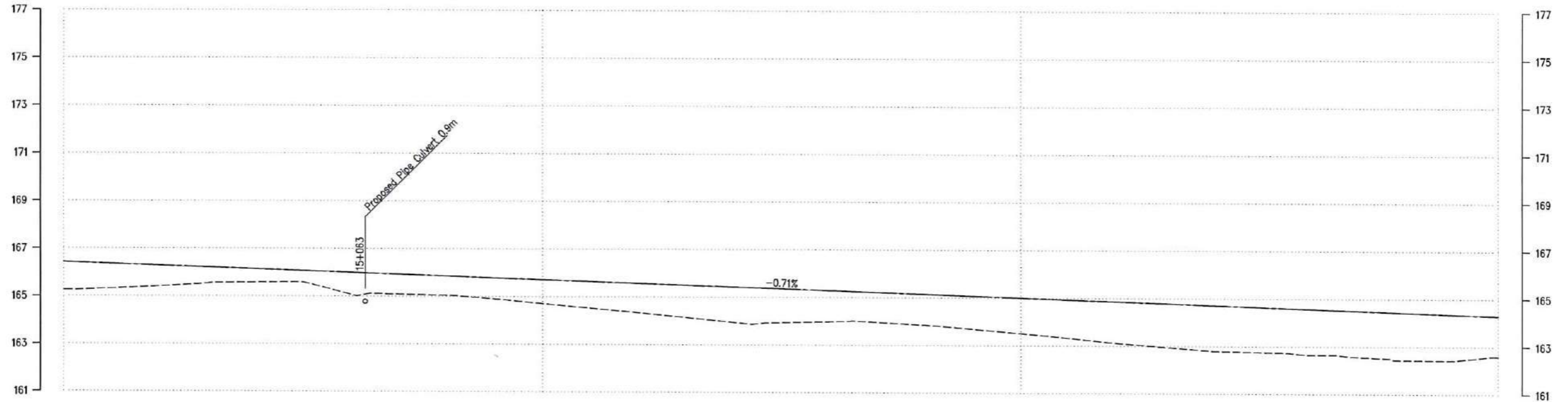
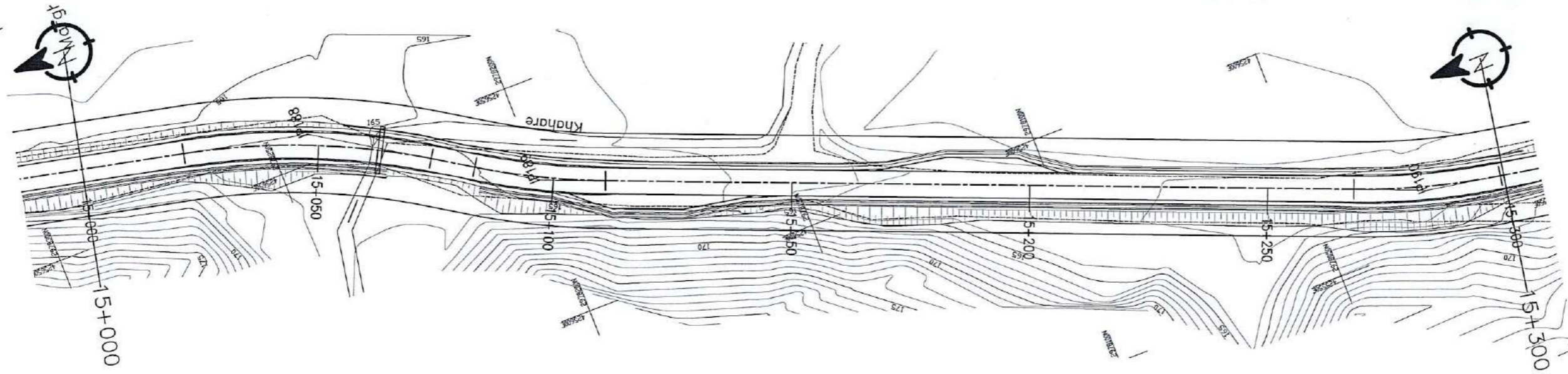
IP No.	CO-ORDINATE(m)		WOB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
185	425777.070	2978521.099	213-20-6.29	140.857	22-43-12.11	30.136	150.000	2.997	59.481	14+711.034	14+740.774	14+770.515	14+741.170
186	425723.584	2978439.783	205-21-19.00	97.328	07-58-47.28	17.437	250.000	0.607	34.818	14+820.269	14+837.678	14+855.085	14+837.207
187	425678.286	2978344.103	102-17-24.18	105.780	13-03-54.82	17.177	150.000	0.980	34.205	14+928.253	14+943.356	14+960.458	14+943.430
188	425656.001	2978241.897	212-17-52.72	104.695	20-00-28.54	26.460	150.000	2.316	52.381	15+021.517	15+047.707	15+073.896	15+047.977



DESIGN LEVEL(m)	168.565	168.495	168.424	168.352	168.281	168.210	168.139	168.067	167.996	167.925	167.854	167.782	167.711	167.640	167.569	167.497	167.426	167.355	167.284	167.212	167.141	167.070	166.999	166.927	166.856	166.785	166.714	166.642	166.571	166.500	166.429			
EXISTING LEVEL(m)	169.076	169.112	169.113	168.980	168.997	168.995	168.923	168.810	168.626	168.351	168.132	167.999	167.830	167.627	167.340	167.016	166.788	166.600	166.377	166.144	165.838	165.589	165.602	165.534	165.453	165.329	165.309	165.179	165.197	165.233	165.255			
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	RIGHT																																	
	LEFT																																	

<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure (DeLI) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: Joint Venture of AVIYAAN SOILTEST CARD 254 Ekaha Marg, New Baranahi, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	<p>SCALE HORIZONTAL 1:1000 VERTICAL 1:200</p>	<p>Plan & Profile 14+700-15+000</p>	DATE:
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					APPROVED BY :			50	

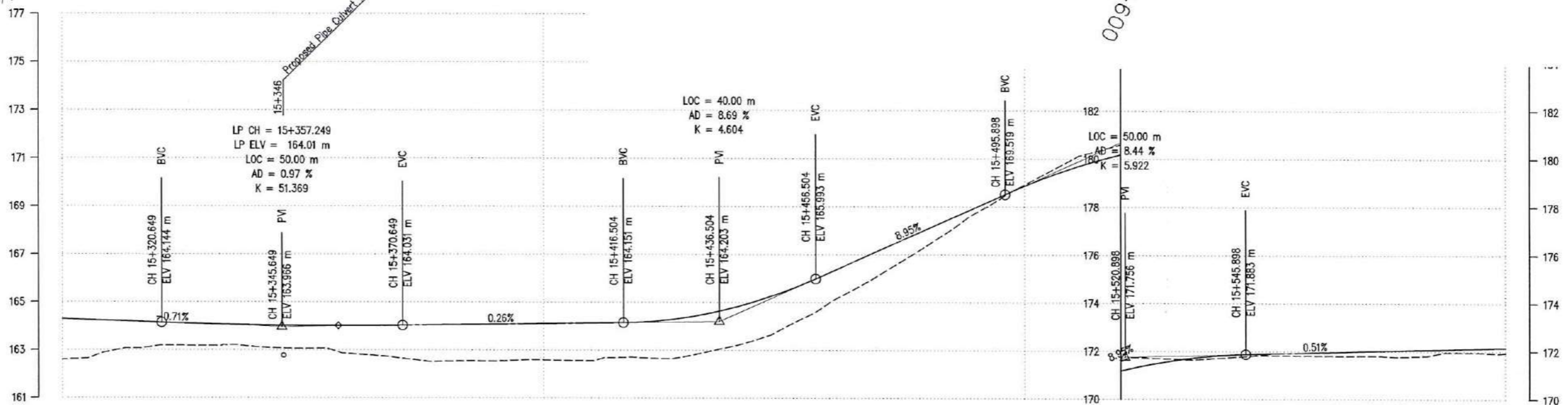
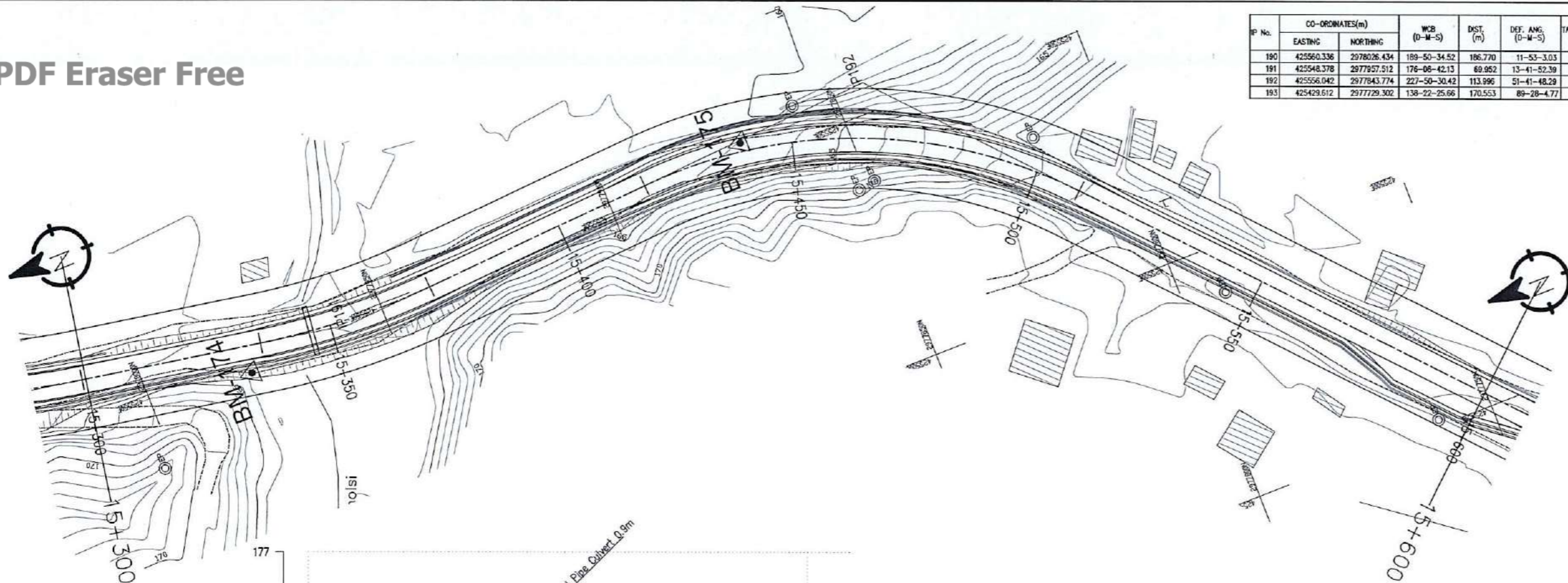
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P
188	425656.001	2978241.897	212-17-52.72	104.695	20-00-28.54	26.460	150.000	2.318	52.381	15+021.517	15+047.707	15+073.898	15+047.977
189	425629.476	2978199.935	201-43-37.55	49.643	10-34-15.17	13.877	150.000	0.641	27.675	15+083.204	15+097.041	15+110.878	15+097.081
190	425560.336	2978026.434	189-50-34.52	186.770	11-53-3.03	15.612	150.000	0.810	31.113	15+268.159	15+283.716	15+299.272	15+283.772



DESIGN LEVEL(m)	166.429	166.357	166.285	166.215	166.144	166.072	166.001	165.930	165.859	165.787	165.716	165.645	165.574	165.502	165.431	165.360	165.289	165.217	165.146	165.075	165.004	164.932	164.861	164.790	164.719	164.647	164.576	164.505	164.434	164.362	164.291	
EXISTING LEVEL(m)	165.255	165.322	165.416	165.541	165.590	165.596	165.073	165.088	165.041	164.900	164.706	164.520	164.339	164.141	163.943	163.937	163.990	163.962	163.850	163.690	163.512	163.324	163.122	162.963	162.805	162.758	162.659	162.572	162.444	162.434	162.602	
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		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT		RIGHT	
SUPER ELEVATION	NC	T	-2.5	T	2.5	T	NC	T	4.5	T	NC	T	4.5	T	NC	T	4.5	T	NC	T	4.5	T	NC	T	4.5	T	NC	T	4.5	T	NC	

<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure (DoLI) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: AVIYAN SOILTEST CARD Joint Venture of 54-Ekaha Marg, New Baneswari, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	<p>SCALE HORIZONTAL 1:1000 VERTICAL 1:200</p>	<p>Plan & Profile 15+000-15+300</p>	DATE:
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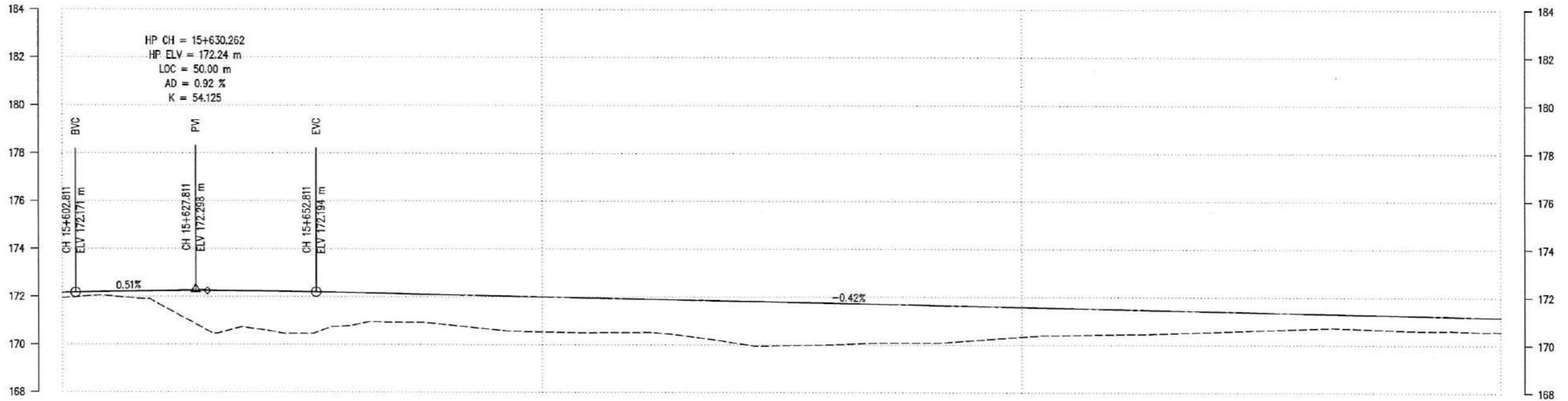
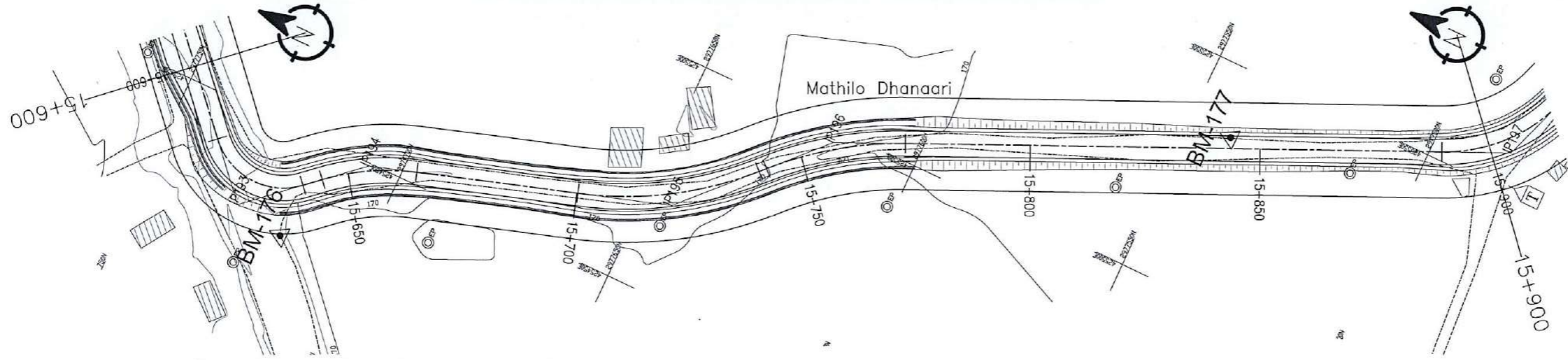
IP No.	CO-ORDINATES(m)		WCB (0-M-S)	DST. (m)	DEF. ANG. (0-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
190	425560.336	2978026.434	189-50-34.52	186.770	11-53-3.03	15.612	150.000	0.810	31.113	15+268.159	15+283.716	15+299.272	15+283.772
191	425548.378	2977857.512	176-06-42.13	69.952	13-41-52.39	18.016	150.000	1.078	38.861	15+335.595	15+353.525	15+371.456	15+353.611
192	425556.042	2977843.774	227-50-30.42	113.996	51-41-48.29	48.446	100.000	11.117	90.228	15+418.989	15+464.103	15+509.217	15+467.435
193	425429.612	2977729.302	138-22-25.66	170.553	89-28-4.77	14.861	15.000	6.115	23.423	15+615.462	15+628.174	15+639.885	15+631.324



DESIGN LEVEL(m)	164.291	164.220	164.149	164.086	164.043	164.019	164.014	164.030	164.056	164.082	164.108	164.134	164.173	164.384	164.812	165.457	166.306	167.201	168.096	168.991	169.872	170.813	171.185	171.589	171.824	171.904	171.954	172.005	172.056	172.106	172.167
EXISTING LEVEL(m)	162.602	162.952	163.181	163.180	163.130	163.055	162.845	162.669	162.533	162.543	162.592	162.560	162.690	162.788	163.203	163.943	165.067	166.178	167.430	168.764	169.922	170.981	171.591	171.689	171.719	171.838	171.821	171.811	171.792	171.967	171.939
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																	LEFT													
SUPER ELEVATION	T																	NC													

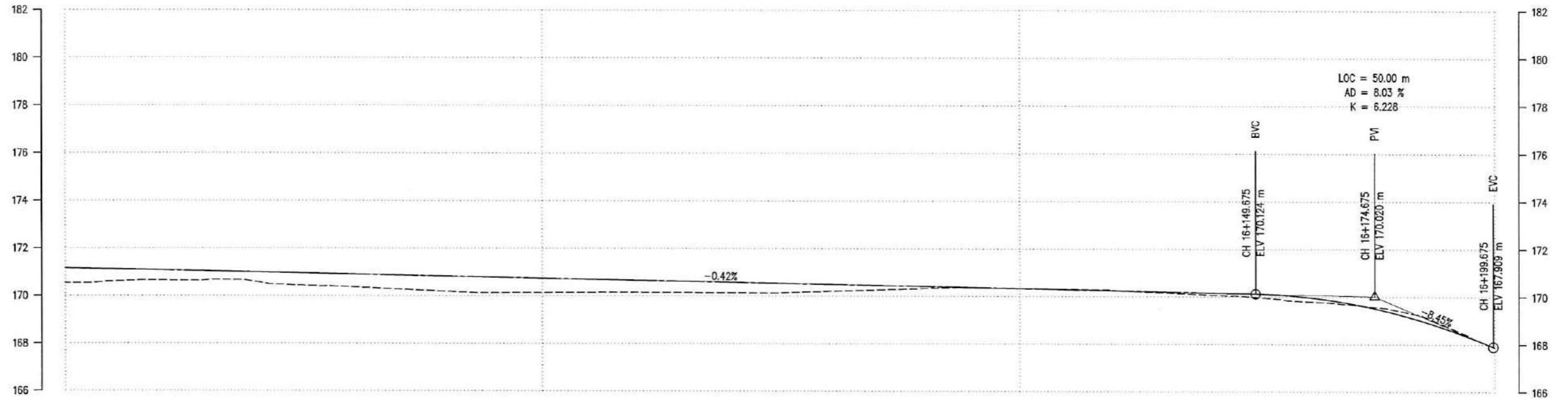
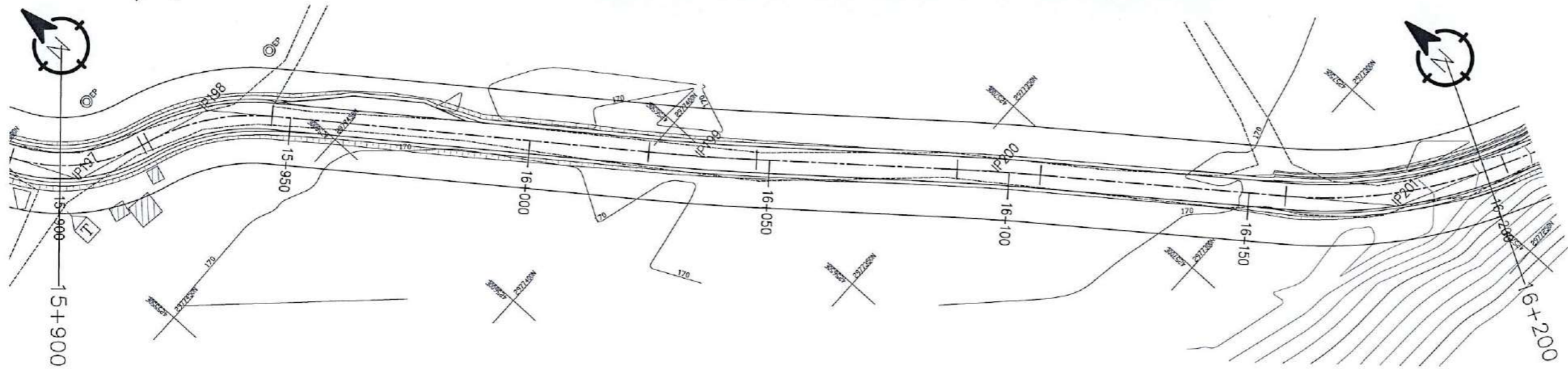
<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure Development Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: Joint Venture of AVIYAN SOIL TEST CARD 204 Ekala Marg, New Baneshwor, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	<p>SCALE HORIZONTAL 1:1000 VERTICAL 1:200</p>	<p>Plan & Profile 15+300-15+600</p>	DATE:
						DRAWN BY :			DRG NO : PP
					CHECKED BY :			SHEET NO :	52
					APPROVED BY :				

P No.	CO-ORDINATES(m)		WCS (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
193	425429.612	2977729.302	138-22-25.86	170.553	89-28-4.77	14.861	15,000	6.115	23.423	15+616.462	15+628.174	15+639.885	15+631.324
194	425449.366	2977707.073	152-07-47.87	29.738	23-45-22.21	10.517	50,000	1.094	20.731	15+644.245	15+654.611	15+664.976	15+654.762
195	425469.697	2977944.017	133-29-0.09	66.253	28-38-47.78	20.426	80,000	2.567	39.998	15+700.286	15+720.285	15+740.284	15+720.713
196	425487.094	2977818.033	155-33-9.17	37.759	22-04-0.08	15.601	80,000	1.507	30.814	15+742.017	15+757.424	15+772.831	15+757.617
197	425558.085	2977483.874	109-13-1.54	147.372	45-20-7.63	14.978	35,000	3.070	28.305	15+889.624	15+903.777	15+917.929	15+904.602



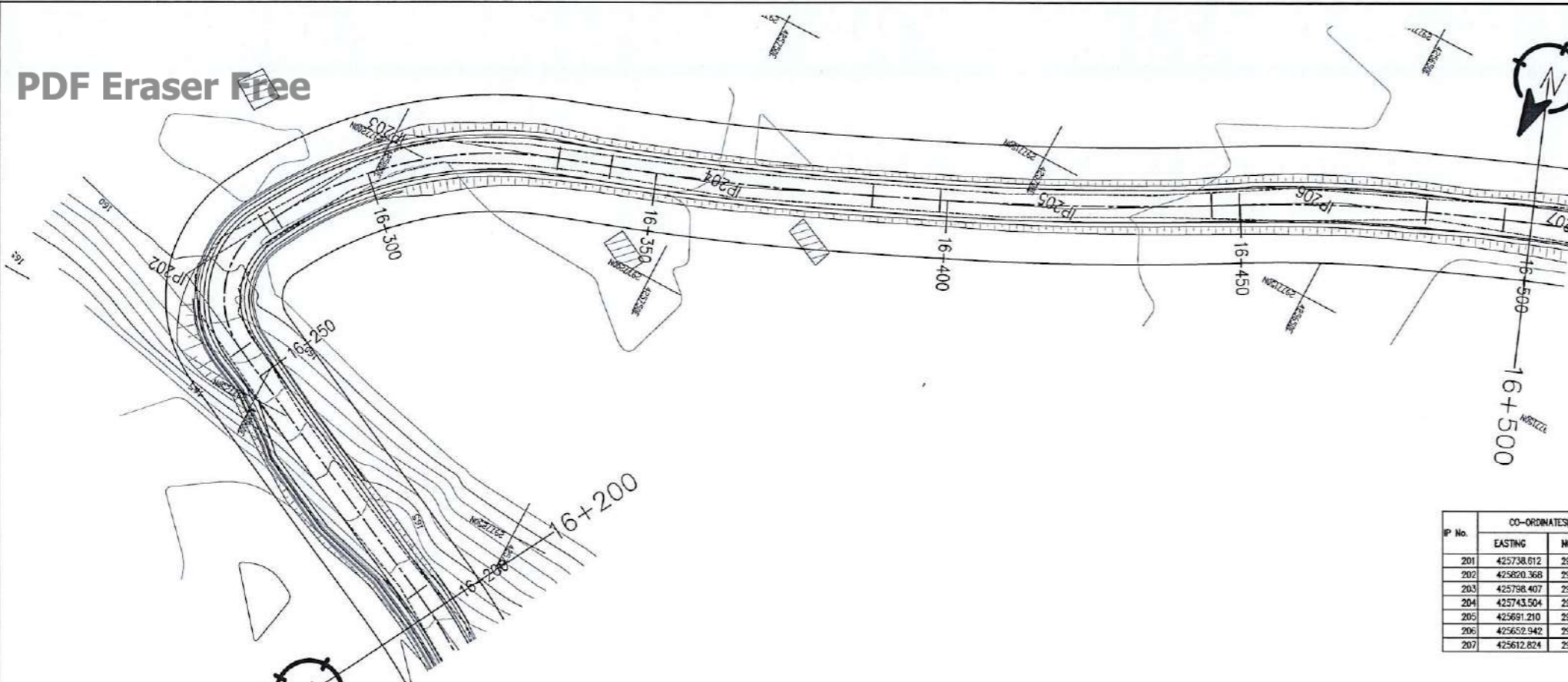
DESIGN LEVEL(m)	172.157	172.203	172.231	172.241	172.232	172.205	172.184	172.123	172.081	172.039	171.998	171.956	171.914	171.873	171.831	171.789	171.748	171.706	171.664	171.623	171.581	171.539	171.498	171.456	171.414	171.373	171.331	171.289	171.248	171.206	171.164	
EXISTING LEVEL(m)	171.939	172.019	171.704	170.608	170.656	170.457	170.783	170.922	170.830	170.628	170.529	170.502	170.510	170.365	170.079	169.963	170.003	170.072	170.078	170.191	170.340	170.411	170.445	170.488	170.558	170.626	170.683	170.663	170.623	170.506	170.549	
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		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	NC	T	2.5	T	-2.5	T	NC	T	2.5	T	-2.5	T	NC	T	2.5	T	-2.5	T	NC	T	2.5	T	-2.5	T	NC	T	2.5	T	-2.5	T		
	15+600	15+612.062	15+617.637	15+638.51	15+645.62	15+663.601	15+669.376	15+695.686	15+701.661	15+738.909	15+743.392	15+771.456	15+777.231	15+885.224	15+890.999	15+900																

P No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P
197	425558.065	2977483.874	109-13-1.54	147.372	46-20-7.63	14.978	35.000	3.070	28.305	15+889.524	15+903.777	15+917.929	15+904.602
198	425586.623	2977473.927	143-13-34.38	30.223	34-00-32.83	13.762	45.000	2.057	26.711	15+919.412	15+932.768	15+946.123	15+933.174
199	425648.701	2977390.966	140-38-48.07	103.696	02-34-46.31	11.257	500.000	0.127	22.511	16+024.800	16+036.055	16+047.310	16+036.057
200	425687.840	2977343.138	142-39-13.55	61.723	02-00-25.48	8.758	500.000	0.077	17.515	16+089.018	16+097.775	16+106.533	16+097.775
201	425738.612	2977276.603	116-00-49.87	83.694	26-38-23.68	23.676	100.000	2.764	46.495	16+157.793	16+181.041	16+204.288	16+181.469

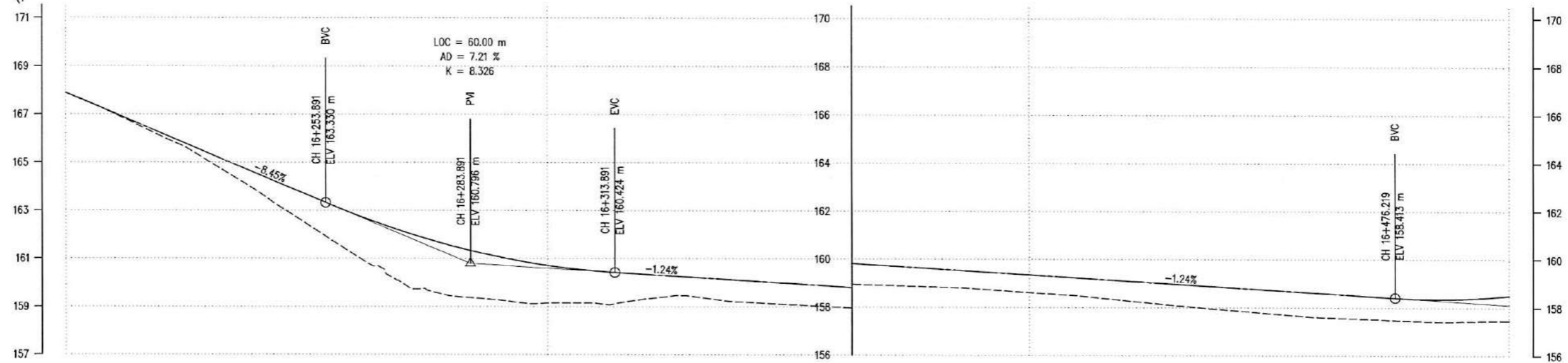


DESIGN LEVEL(m)	171.164	171.123	171.081	171.039	170.998	170.956	170.914	170.873	170.831	170.789	170.748	170.706	170.664	170.623	170.581	170.539	170.498	170.455	170.414	170.373	170.331	170.289	170.248	170.206	170.164	170.123	169.996	169.708	169.259	168.651	167.881
EXISTING LEVEL(m)	170.549	170.614	170.653	170.665	170.593	170.437	170.373	170.279	170.186	170.129	170.138	170.147	170.150	170.141	170.134	170.139	170.199	170.260	170.327	170.362	170.329	170.300	170.261	170.168	170.078	169.979	169.811	169.670	169.412	168.769	167.883
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																	LEFT													
SUPER ELEVATION	RIGHT																	LEFT													

<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure (DoLI) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: Joint Venture of AVIYAAN SOILTEST CARD 254 Ekara Marg, New Baneshwar, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	<p>SCALE HORIZONTAL 1:1000 VERTICAL 1:200</p>	<p>Plan & Profile 15+900-16+200</p>	DATE:
						DRAWN BY :			DRG NO : PP
					CHECKED BY :			SHEET NO :	54
					APPROVED BY :				

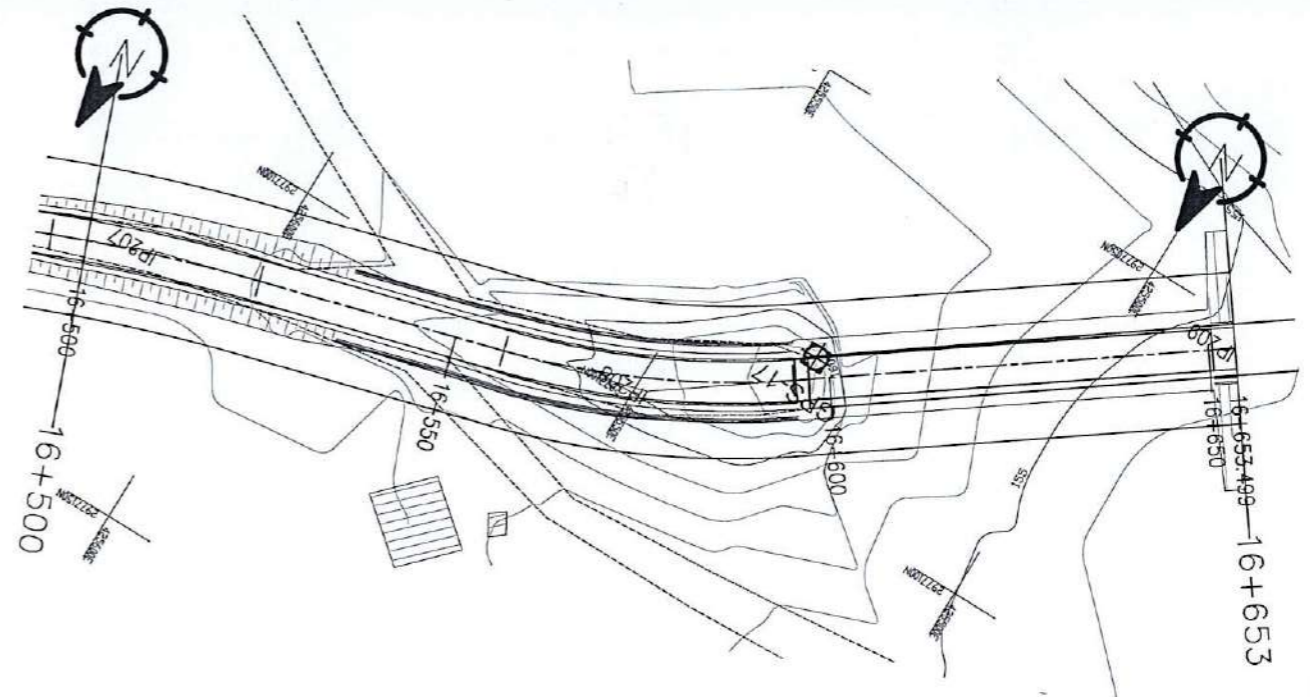


IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
201	425738.612	2977276.803	118-00-49.87	83.604	28-38-23.68	23.678	100.000	2.764	46.495	16+157.793	16+181.041	16+204.288	16+181.469
202	425820.368	2977236.703	209-28-4.68	90.973	93-27-14.81	15.933	15.000	6.883	24.466	16+205.653	16+267.886	16+280.119	16+271.586
203	425798.407	2977197.836	250-53-13.29	44.642	41-25-8.61	26.464	70.000	4.835	50.803	16+282.364	16+307.666	16+332.967	16+308.829
204	425743.504	2977178.810	245-43-4.06	58.106	05-10-9.23	22.570	500.000	0.509	45.110	16+342.039	16+364.594	16+367.149	16+364.609
205	425691.210	2977155.219	240-23-43.98	57.369	05-19-20.09	23.239	500.000	0.540	46.445	16+398.708	16+421.931	16+445.153	16+421.947
206	425652.942	2977133.475	247-44-41.75	44.015	07-20-57.77	16.056	250.000	0.515	32.068	16+449.873	16+465.907	16+481.941	16+465.929
207	425612.824	2977117.058	254-09-24.90	43.346	06-24-43.15	14.003	250.000	0.392	27.978	16+495.227	16+509.216	16+523.205	16+509.231

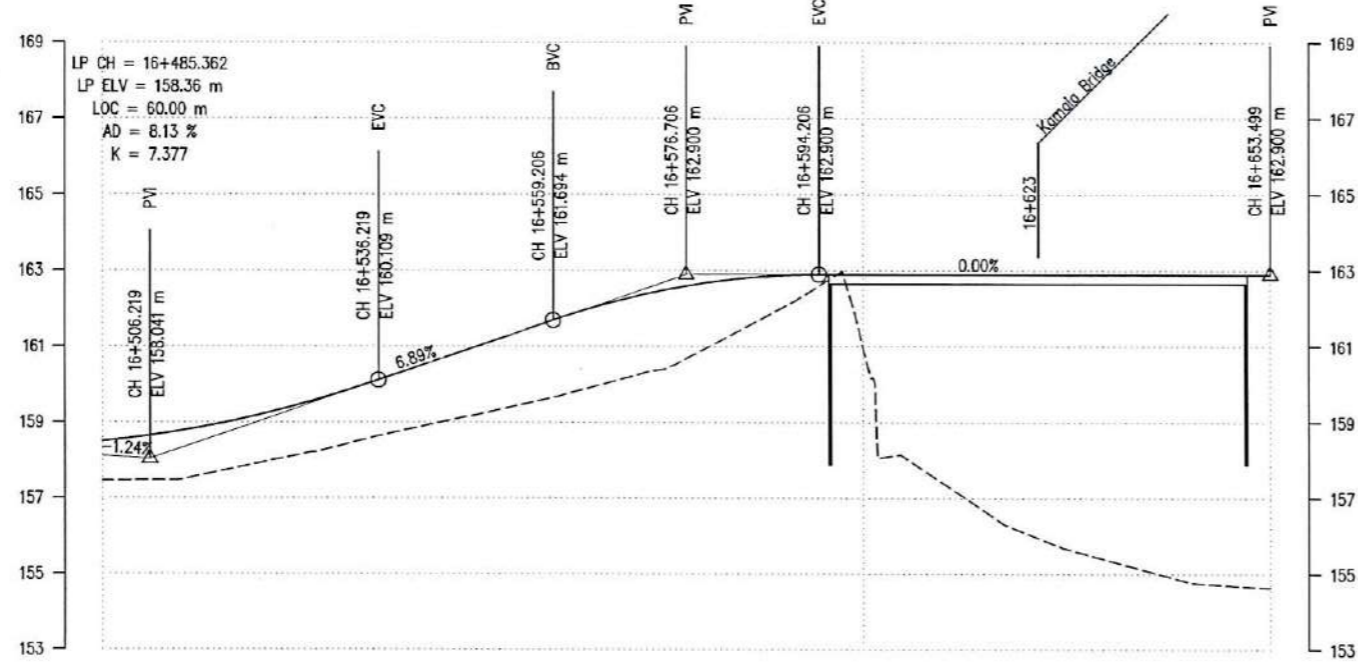


DESIGN LEVEL(m)	167.881	167.037	166.192	165.348	164.503	163.658	162.835	162.125	161.534	161.063	160.712	160.482	160.349	160.225	160.101	159.977	159.853	159.729	159.605	159.481	159.357	159.233	159.109	158.985	158.862	158.738	158.614	158.490	158.375	158.371	158.501		
EXISTING LEVEL(m)	167.883	167.016	166.059	165.002	163.789	162.438	161.139	159.944	159.437	159.288	159.149	159.143	159.317	159.425	159.201	159.095	158.992	158.911	158.846	158.757	158.621	158.492	158.293	158.100	157.926	157.764	157.605	157.534	157.456	157.435	157.464		
CHAINAGE(Km)	16+200	16+210	16+220	16+230	16+240	16+250	16+260	16+270	16+280	16+290	16+300	16+310	16+320	16+330	16+340	16+350	16+360	16+370	16+380	16+390	16+400	16+410	16+420	16+430	16+440	16+450	16+460	16+470	16+480	16+490	16+500		
HORIZONTAL ALIGNMENT	RIGHT																	IP-202 R=15.00			IP-203 R=70.00			IP-204 R=500.00			IP-205 R=500.00			IP-206 R=250.00			IP-207 R=250.00
	LEFT	IP-201 R=100.00																															
SUPER ELEVATION	T	NC	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	-2.5	T	-2.5	T	-2.5	T	-2.5	T	-2.5	T	-3.5			
	16+200	16+221.247	16+251.253	16+257.028	16+278.744	16+283.739	16+331.592	16+337.367	16+445.473	16+451.248	16+460.566	16+497.313	16+500																				

IP No.	CO-ORDINATES(m)		WCS (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAH. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
207	425812.824	2977117.058	254-09-24.90	43.346	06-24-43.15	14.903	250.000	0.392	27.978	16+495.227	16+509.216	16+523.205	16+509.231
208	425548.463	2977098.794	234-03-6.50	66.903	20-06-18.40	19.500	110.000	1.715	38.599	16+256.604	16+575.904	16+595.203	16+578.104
209	425485.464	2977053.124	00-00-0.00	77.795	00-00-0.00	0.000	0.000	0.000	0.000	16+653.499	16+653.499	16+653.499	16+653.499



LOC = 35.00 m
AD = 6.89 %
K = 5.077



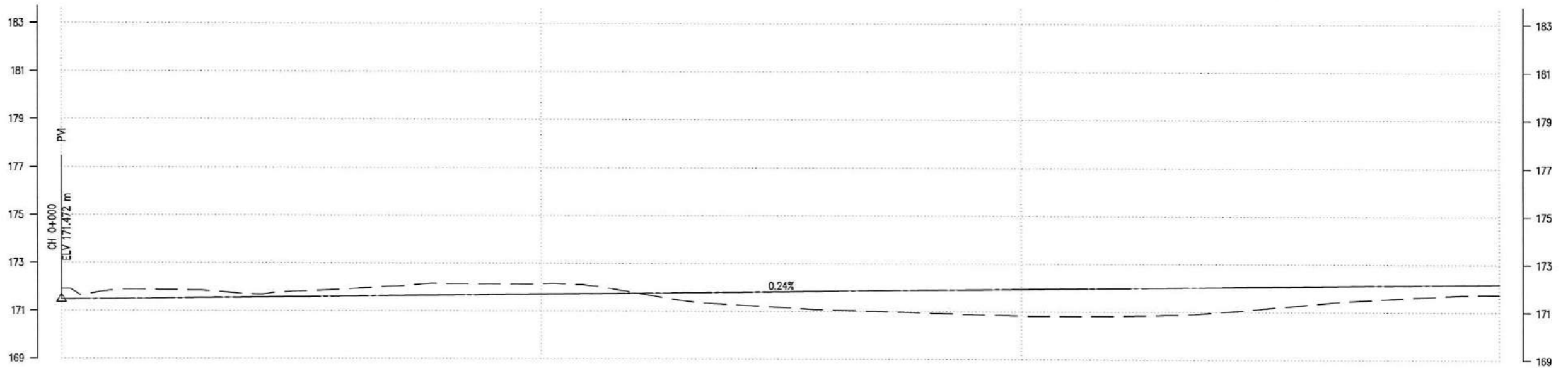
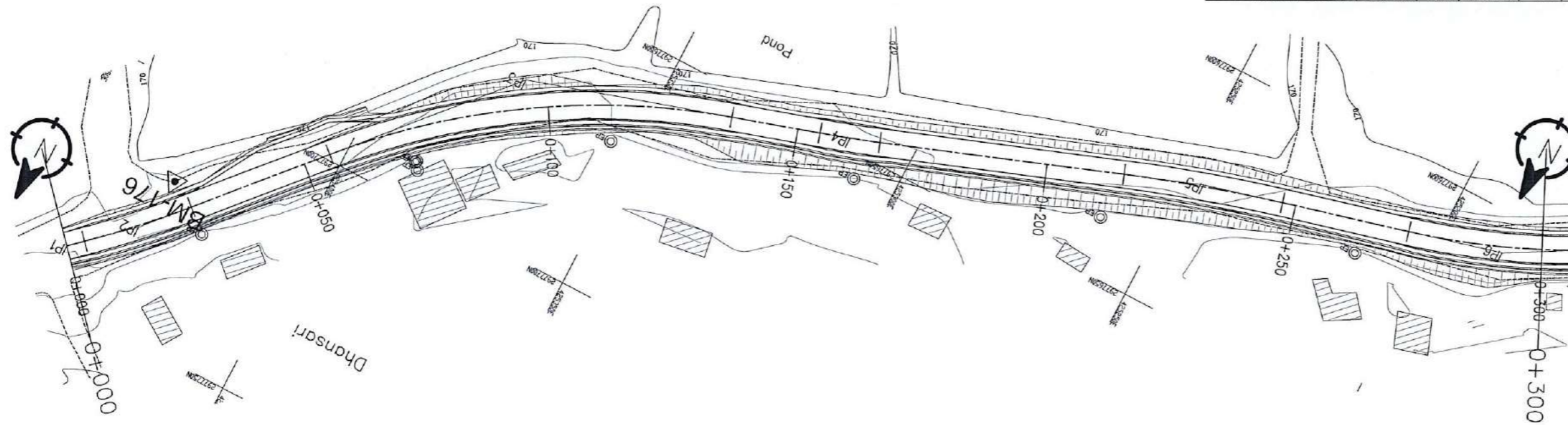
DESIGN LEVEL(m)	158.501	158.767	159.169	159.705	160.370	161.059	161.748	162.323	162.701	162.883	162.900	162.900	162.900	162.900	162.900	162.900
EXISTING LEVEL(m)	157.454	157.478	157.907	158.319	158.808	159.241	159.695	160.238	161.025	162.092	160.957	157.454	156.184	155.485	154.938	154.680
CHAINAGE(Km)	16+500	16+510	16+520	16+530	16+540	16+550	16+560	16+570	16+580	16+590	16+600	16+610	16+620	16+630	16+640	16+650
HORIZONTAL ALIGNMENT	RIGHT		LEFT										RIGHT			
SUPER ELEVATION	-3.5		T				5.5				T				NC	
	16+500	16+521.12		16+561.646		16+590.162		16+612.162		16+653.499						



PLAN AND PROFILE: Alignment To Tallo Dhansari



P No.	CO-ORDINATES(m)		WCB (D-W-S)	DST. (m)	DEF. ANG. (D-W-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
1	425440.629	2977739.277	227-50-31.49	0.000	00-00-0.00	0.000	0.000	0.000	0+000.000	0+000.000	0+000.000	0+000.000	0+000.000
2	425429.612	2977729.302	221-27-50.86	14.861	06-22-40.63	11.143	200.000	0.310	22.263	0+003.718	0+014.850	0+025.981	0+034.861
3	425375.148	2977667.664	252-31-49.71	82.253	31-03-58.96	41.692	150.000	5.686	81.332	0+036.065	0+096.065	0+136.731	0+097.092
4	425312.734	2977648.022	249-45-9.65	65.439	02-46-40.06	6.061	250.000	0.073	12.120	0+154.409	0+160.469	0+166.529	0+160.470
5	425246.180	2977623.472	254-59-11.88	70.937	05-14-2.23	15.997	350.000	0.365	31.972	0+215.408	0+231.394	0+247.381	0+231.406
6	425187.397	2977607.706	240-34-36.51	60.861	14-24-15.37	18.955	150.000	1.193	37.710	0+273.289	0+292.145	0+311.000	0+292.245



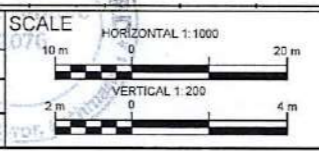
DESIGN LEVEL(m)	171.472	171.496	171.519	171.543	171.566	171.590	171.613	171.637	171.660	171.684	171.707	171.731	171.754	171.778	171.801	171.825	171.848	171.872	171.895	171.919	171.942	171.966	171.989	172.013	172.036	172.060	172.083	172.107	172.130	172.154	172.177		
EXISTING LEVEL(m)	171.910	171.838	171.878	171.837	171.692	171.816	171.915	172.042	172.137	172.120	172.138	172.072	171.749	171.432	171.277	171.169	171.067	171.009	170.946	170.892	170.839	170.816	170.838	170.874	170.977	171.138	171.317	171.484	171.599	171.705	171.736		
CHAINAGE(Km)	0+000	0+010	0+020	0+030	0+040	0+050	0+060	0+070	0+080	0+090	0+100	0+110	0+120	0+130	0+140	0+150	0+160	0+170	0+180	0+190	0+200	0+210	0+220	0+230	0+240	0+250	0+260	0+270	0+280	0+290	0+300		
HORIZONTAL ALIGNMENT																																	
SUPER ELEVATION																																	

Government of Nepal
 Ministry of Federal Affairs and General Administration
 Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
 Project Coordination Unit (PCU)
 Pulchowk, Lalitpur

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

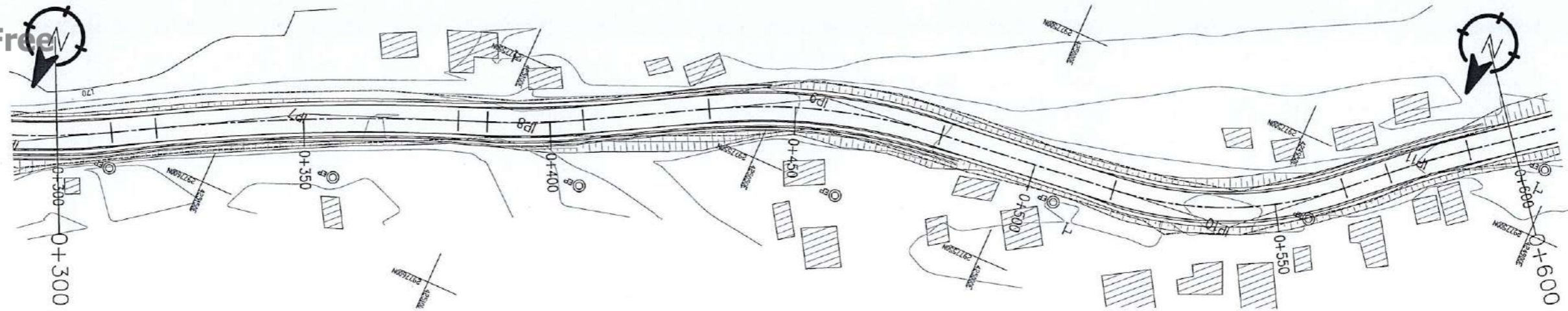
Jagadi - Dhansari -
 Ganeshman Charnath Na. Pa.
 (Province No - 2 Connecting)
 Road, Sindhuli
 (To Tallo Dhansari)

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

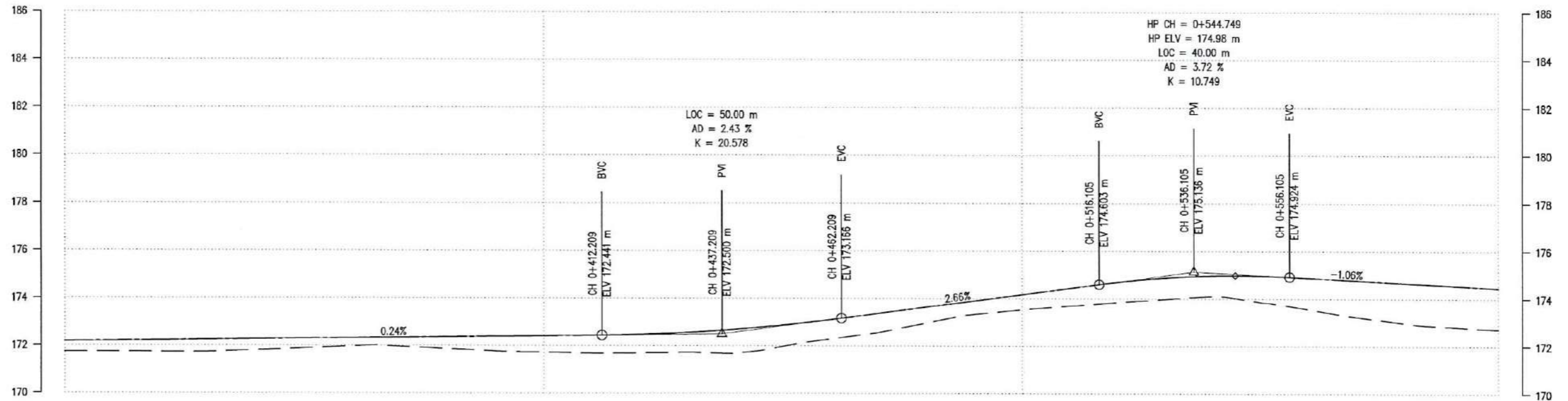


Plan & Profile
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DATE:
 DRG NO : PP
 SHEET NO : 1

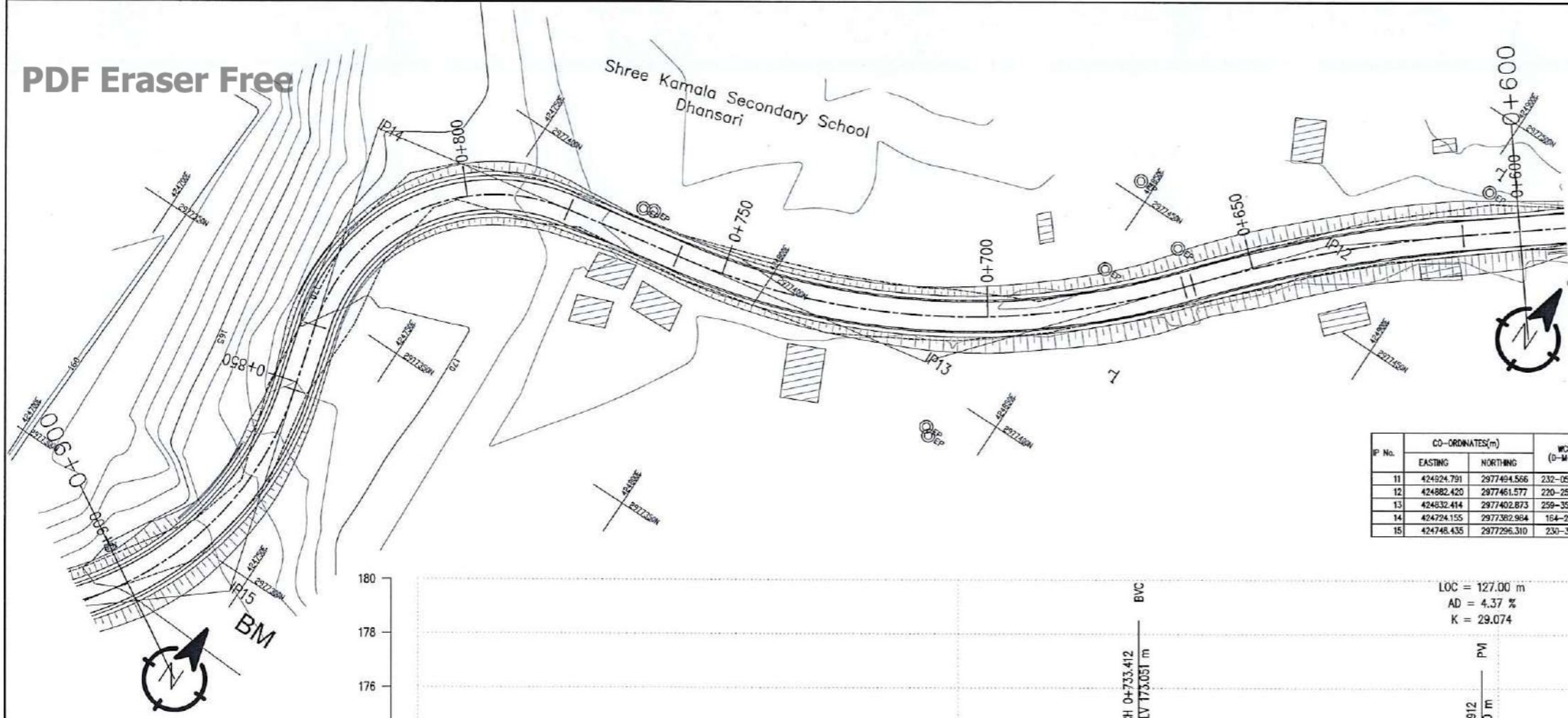


IP No.	CO-ORDINATES(m)		WCS (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
6	425187.397	2977807.706	240-34-56.51	60.861	14-24-15.37	18.955	150.000	1.193	37.710	0+273.289	0+292.145	0+311.000	0+292.245
7	425136.270	2977578.877	248-23-39.20	58.694	07-48-42.69	30.725	450.000	1.048	61.354	0+320.014	0+350.691	0+381.368	0+350.739
8	425093.100	2977561.780	240-57-19.42	46.433	07-28-19.79	9.751	150.000	0.317	19.475	0+387.325	0+397.062	0+406.800	0+397.076
9	425041.028	2977532.863	263-43-49.63	59.562	22-46-30.21	24.169	120.000	2.410	47.700	0+432.442	0+456.292	0+480.142	0+456.611
10	424956.125	2977523.535	227-14-44.67	85.413	36-29-4.95	24.720	75.000	3.969	47.756	0+516.666	0+540.545	0+564.425	0+541.387
11	424924.791	2977494.566	232-05-48.26	42.674	04-51-3.59	8.472	200.000	0.179	16.933	0+573.907	0+582.374	0+590.840	0+582.379

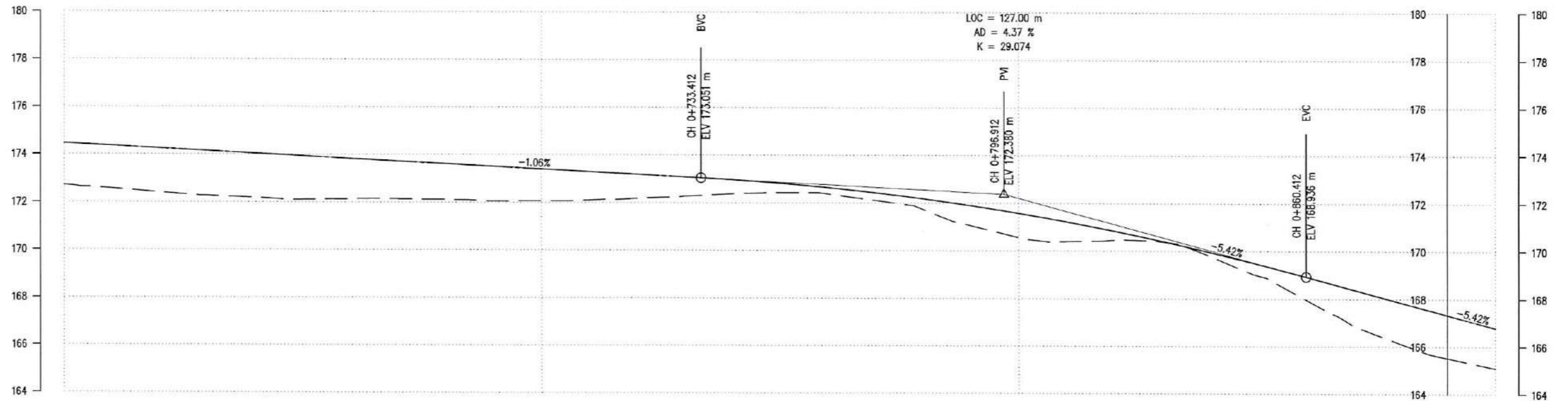


DESIGN LEVEL(m)	172.177	172.201	172.224	172.248	172.271	172.295	172.318	172.342	172.365	172.389	172.413	172.436	172.474	172.580	172.694	172.877	173.109	173.374	173.640	173.907	174.173	174.440	174.699	174.883	174.974	174.971	174.883	174.777	174.672	174.566	174.450
EXISTING LEVEL(m)	171.736	171.732	171.727	171.727	171.805	171.884	171.972	171.962	171.865	171.768	171.726	171.689	171.703	171.727	171.682	171.981	172.294	172.565	172.972	173.339	173.535	173.694	173.843	173.994	174.111	173.867	173.570	173.248	172.987	172.829	172.718
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
	RIGHT	IP-7 R=450.00																IP-9 R=120.00			IP-11 R=200.00										
	LEFT	IP-6 R=150.00												IP-8 R=150.00							IP-10 R=75.00										
		2.5	T											2.5	T	-5			T	NC	T	2.5			T	-2.5		T	NC		
		0+300	0+309.625	0+388.7									0+405.425	0+437.025	0+475.559			0+496.184	0+512.266	0+518.041	0+563.05			0+575.282	0+589.465		0+595.24	0+600			

Shree Kamala Secondary School
Dhansari



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
11	424524.791	2977494.566	232-05-48.25	42.674	04-51-3.59	8.472	200.000	0.179	16.833	0+573.907	0+582.374	0+590.840	0+582.379
12	424882.420	2977461.577	220-25-31.62	53.699	11-40-16.64	25.551	250.000	1.302	50.926	0+610.516	0+635.979	0+661.442	0+636.067
13	424832.414	2977402.873	259-35-23.59	77.115	39-09-51.97	49.803	140.000	8.994	95.897	0+663.203	0+711.051	0+758.900	0+713.006
14	424724.155	2977382.984	164-21-3.02	110.071	95-14-20.57	38.356	35.000	16.625	58.178	0+780.812	0+809.901	0+838.990	0+819.168
15	424748.435	2977296.310	230-36-8.70	90.011	66-15-5.68	39.152	60.000	11.644	69.378	0+851.492	0+886.181	0+920.871	0+890.644



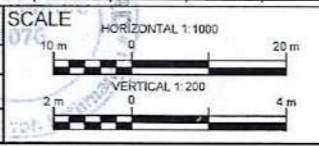
DESIGN LEVEL(m)	174.460	174.355	174.249	174.144	174.038	173.932	173.827	173.721	173.615	173.510	173.404	173.298	173.193	173.087	172.974	172.828	172.649	172.434	172.186	171.902	171.585	171.233	170.847	170.426	169.971	169.482	168.958	168.415	167.873	167.330	166.788
EXISTING LEVEL(m)	172.718	172.568	172.409	172.269	172.188	172.111	172.142	172.146	172.119	172.051	172.070	172.105	172.178	172.276	172.381	172.432	172.383	172.114	171.734	171.055	170.563	170.405	170.465	170.406	169.817	169.005	168.019	166.920	166.139	165.523	165.097
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	2.5				T	-2.5				T	3.5				T	-2.5													
	0+600	0+605.115	0+611.891	IP-12 R=250.00				0+660.067	0+664.578	IP-13 R=140.00				0+757.525	0+762.737	IP-14 R=35.00				0+837.065	0+852.867	IP-15 R=60.00									

Government of Nepal
Ministry of Federal Affairs and General Administration
Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
Pulchowk, Lalitpur

Consultant:
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Email: info@aviyaan.com

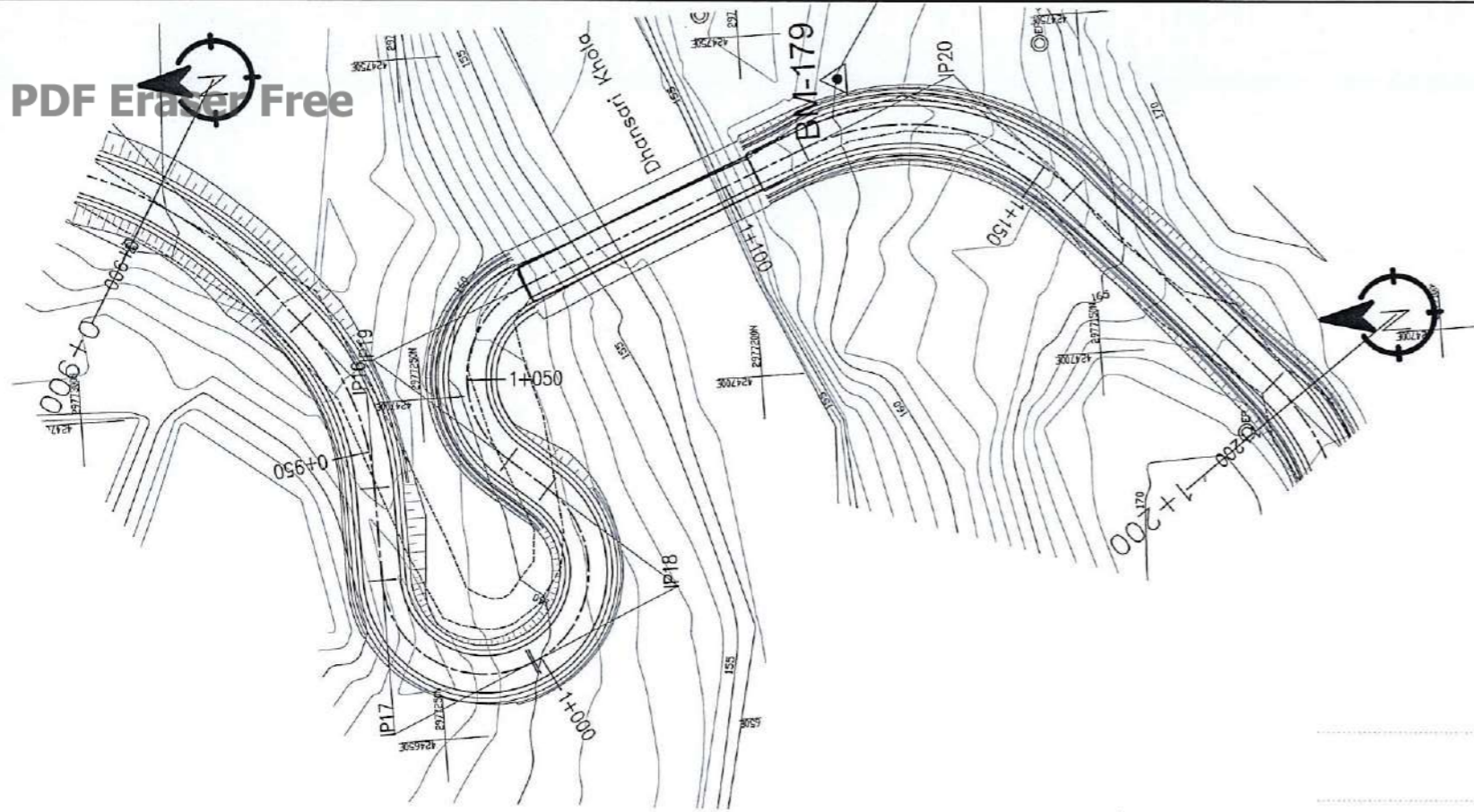
Jagadi - Dhansari -
Ganeshman Charnath Na. Pa.
(Province No - 2 Connecting)
Road, Sindhuli
(To Tallo Dhansari)

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

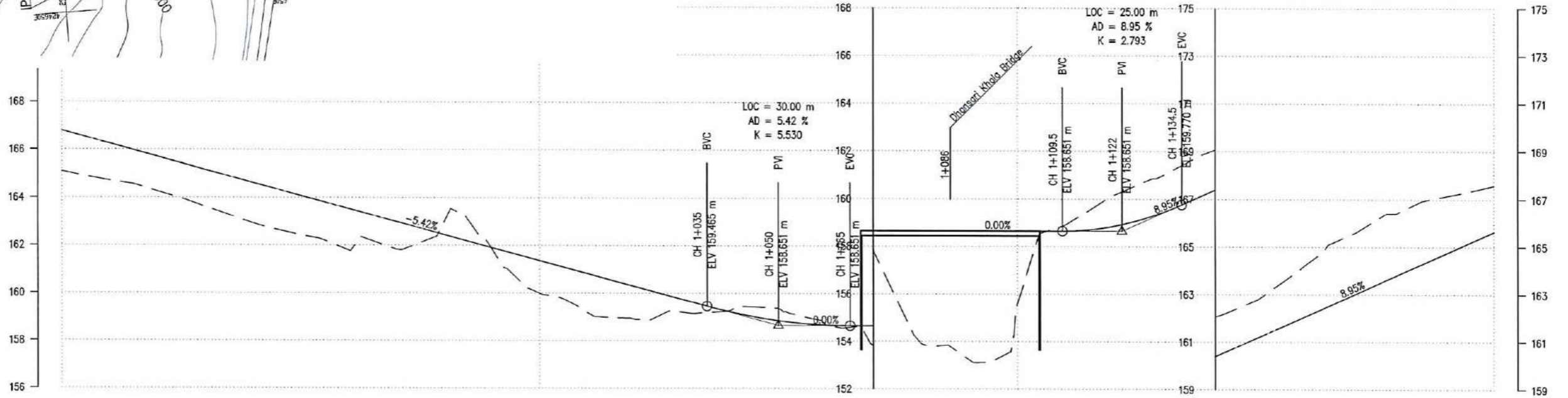


Plan & Profile
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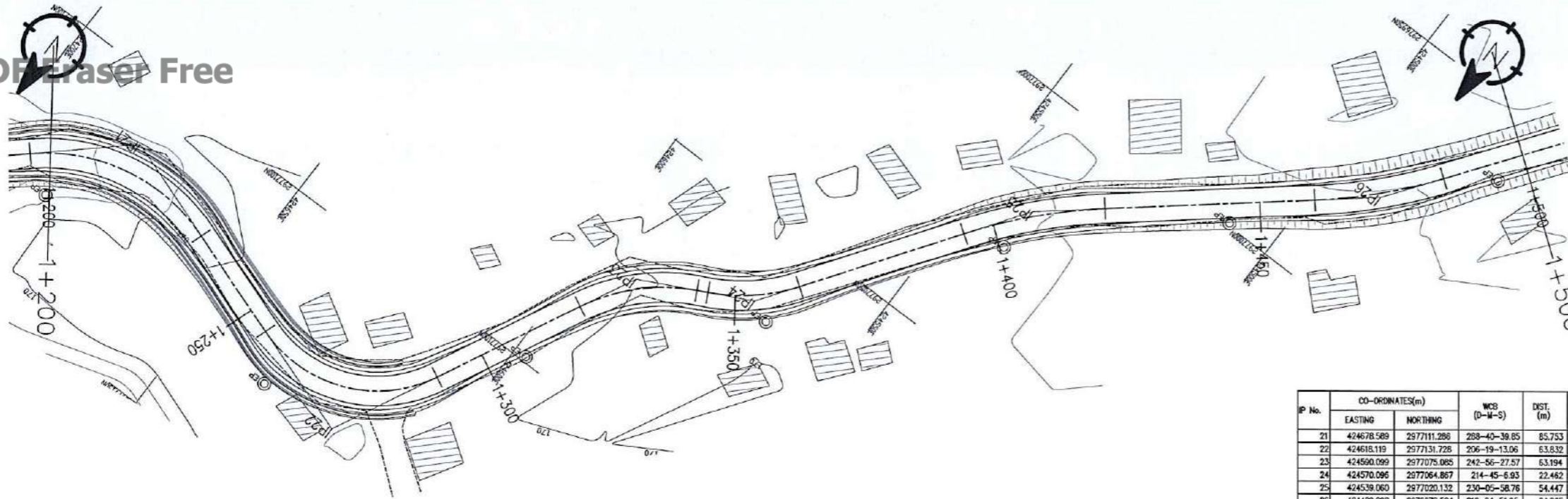
DATE:
DRG NO : PP
SHEET NO : 3



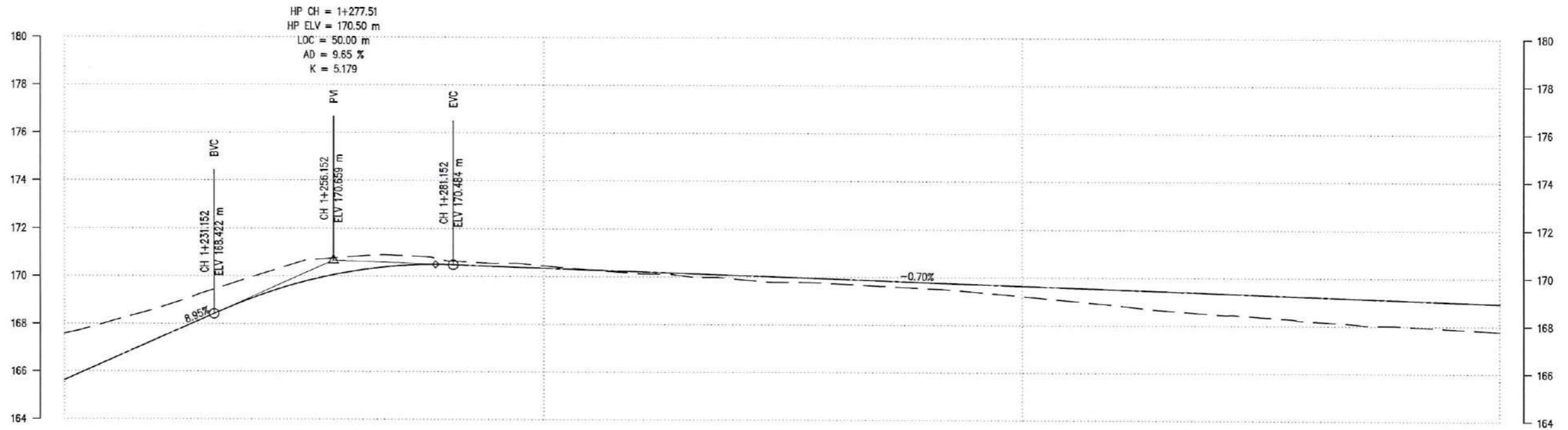
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
15	424748.435	2977296.310	230-36-8.70	90.011	66-15-5.68	38.152	60.000	11.544	69.378	0+851.432	0+886.181	0+920.871	0+890.644
16	424701.581	2977257.827	269-22-32.02	60.632	38-45-23.32	14.076	40.000	2.404	27.069	0+828.275	0+841.809	0+855.344	0+842.351
17	424651.268	2977257.279	156-21-50.33	50.316	113-00-41.70	22.668	15.000	12.181	29.586	0+868.916	0+883.709	0+898.503	0+891.584
18	424670.104	2977214.239	40-31-53.90	46.981	115-49-56.42	23.927	15.000	13.240	30.325	0+998.889	1+014.051	1+029.214	1+022.816
19	424706.259	2977256.524	157-43-31.38	55.634	117-11-37.48	24.571	15.000	13.788	30.681	1+036.350	1+051.691	1+067.032	1+060.921
20	424742.190	2977168.806	227-52-27.06	94.792	70-08-55.69	24.575	35.000	7.766	42.851	1+112.677	1+134.103	1+155.529	1+137.252
21	424678.589	2977111.286	288-40-39.85	85.753	60-48-12.79	20.536	35.000	5.580	37.143	1+196.171	1+214.742	1+233.313	1+216.707



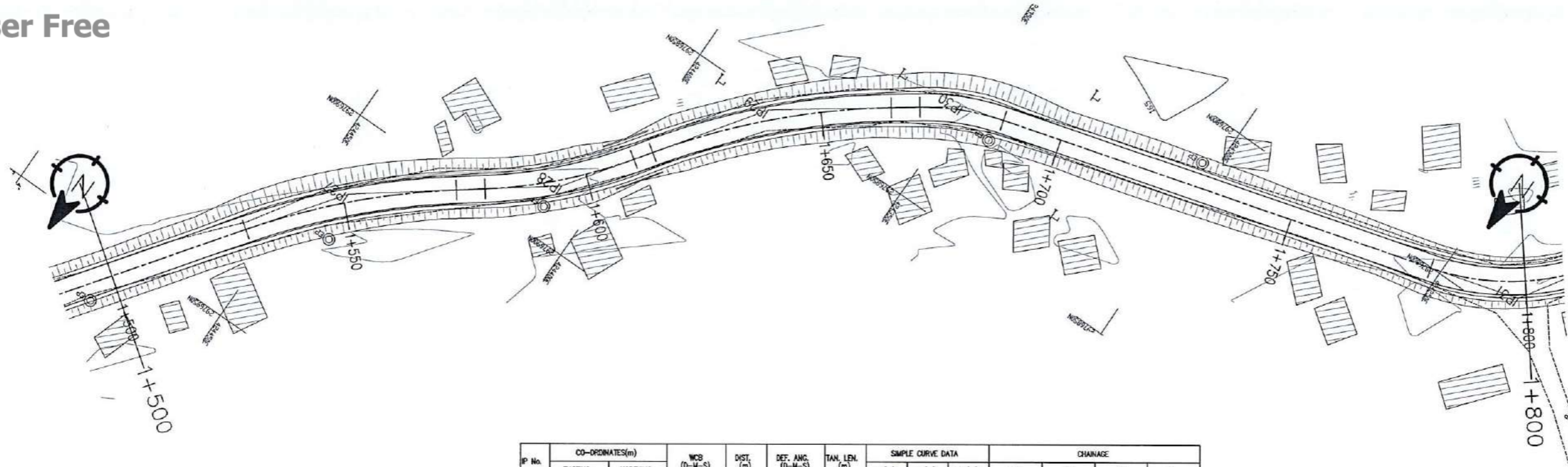
DESIGN LEVEL(m)	166.788	166.246	165.703	165.161	164.618	164.075	163.533	162.991	162.448	161.906	161.363	160.821	160.278	159.736	159.216	158.654	158.674	158.651	158.651	158.651	158.651	158.848	159.403	160.262	161.157	162.052	162.948	163.843	164.738	165.633		
EXISTING LEVEL(m)	165.097	164.710	164.261	163.620	162.926	162.426	161.790	161.827	162.969	161.873	159.995	159.169	158.903	159.207	159.292	159.377	159.684	157.749	153.892	153.215	155.601	158.897	160.134	160.942	161.953	162.756	164.190	165.522	166.444	167.141	167.583	
CHAINAGE(Km)	0+900	0+910	0+920	0+930	0+940	0+950	0+960	0+970	0+980	0+990	1+000	1+010	1+020	1+030	1+040	1+050	1+060	1+070	1+080	1+090	1+100	1+110	1+120	1+130	1+140	1+150	1+160	1+170	1+180	1+190	1+200	
HORIZONTAL ALIGNMENT	RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	-2.5		T		-2.5		T		2.5		T		2.5		T		-2.5		T		NC		T		-7		T		T		T	
	0+900	0+919.496	0+929.65	0+953.969	0+970.291	0+997.128	1+000.264	1+027.839	1+037.725	1+055.657	1+071.432	1+092.969	1+119.094	1+149.112	1+200																	



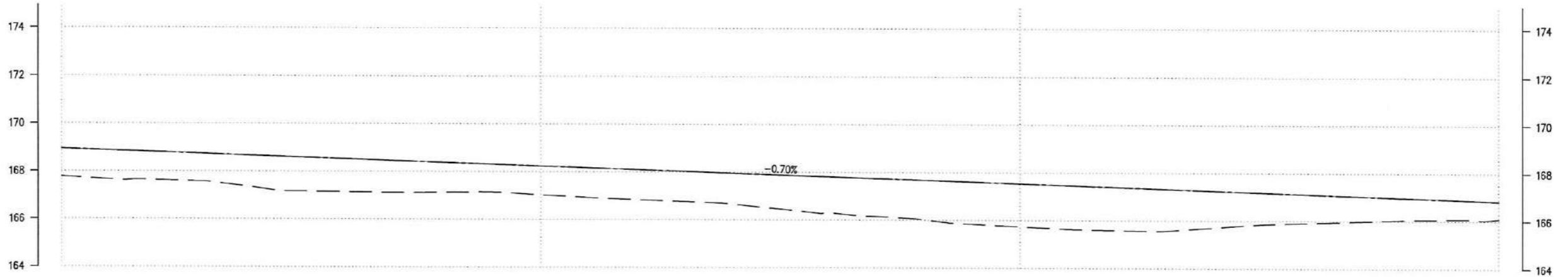
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
21	424678.589	297711.286	288-40-39.85	85.753	60-48-12.79	20.536	35.000	5.580	37.143	1+196.171	1+214.742	1+233.313	1+216.707
22	424618.119	297731.726	206-19-13.06	63.832	82-21-26.80	21.869	25.000	8.215	35.935	1+254.740	1+272.706	1+290.675	1+276.610
23	424590.099	297705.085	242-56-27.57	63.194	36-37-14.52	11.582	35.000	1.867	22.370	1+320.418	1+331.603	1+342.788	1+332.000
24	424570.096	297706.867	214-45-6.93	22.462	28-11-20.64	8.788	35.000	1.066	17.220	1+344.880	1+353.490	1+362.788	1+353.668
25	424539.060	2977020.132	230-05-58.76	54.447	15-20-51.83	13.474	100.000	0.904	25.787	1+394.285	1+407.678	1+421.072	1+407.759
26	424489.298	2976976.524	216-04-51.95	64.865	14-01-6.81	12.295	100.000	0.753	24.467	1+460.168	1+472.401	1+484.635	1+472.463



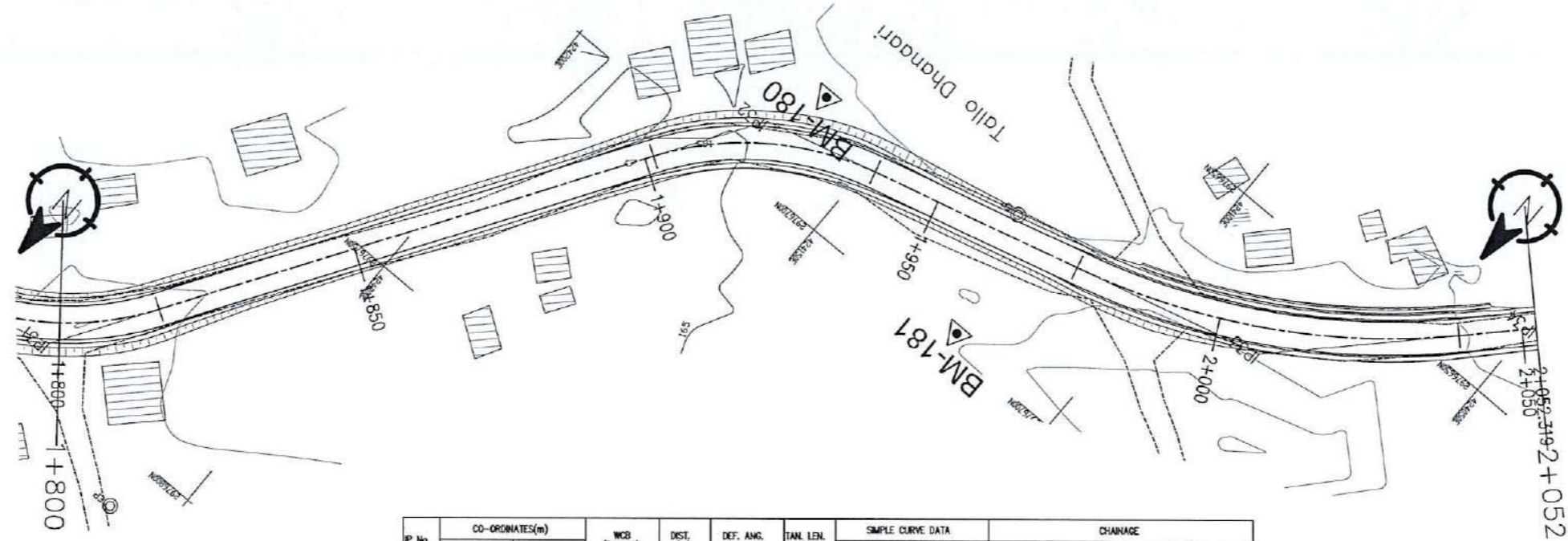
DESIGN LEVEL(m)	165.633	166.528	167.423	168.318	169.138	169.766	170.200	170.442	170.490	170.421	170.351	170.281	170.210	170.140	170.070	169.999	169.929	169.859	169.788	169.718	169.648	169.578	169.507	169.437	169.367	169.296	169.226	169.156	169.085	169.015	168.945	
EXISTING LEVEL(m)	167.563	168.119	168.675	169.370	170.015	170.642	170.815	170.861	170.945	170.541	170.450	170.280	170.130	170.017	169.912	169.782	169.739	169.637	169.537	169.394	169.220	169.037	168.842	168.633	168.488	168.376	168.205	168.073	167.988	167.894	167.782	
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		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	-7		T		2.5		T		NC		T		-2.5		T		2.5		T		NC		T		-5.5		T		5.5		T	



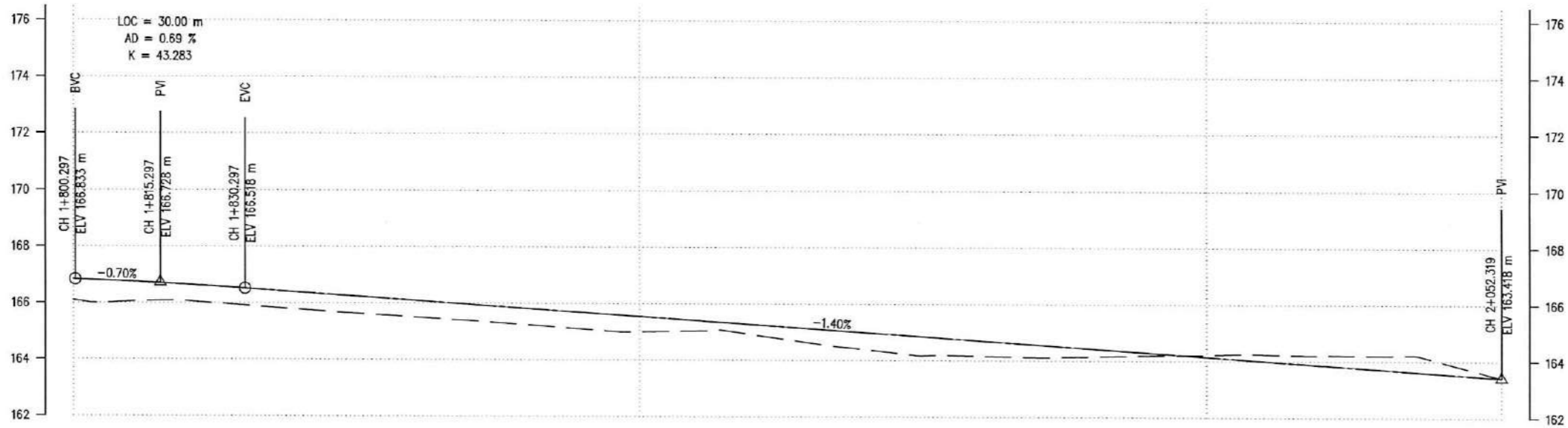
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	P
26	424429.298	2976978.524	216-04-51.95	64.865	14-01-6.81	12.295	100.000	0.763	24.467	14460.168	14472.401	14484.635	14472.463
27	424442.797	2976914.711	232-52-24.67	78.958	18-47-32.72	22.140	150.000	1.625	43.962	14529.156	14551.140	14573.121	14551.298
28	424407.901	2976888.294	214-59-32.40	43.767	17-52-52.27	15.732	100.000	1.230	31.209	14579.016	14594.620	14610.225	14594.746
29	424382.028	2976851.333	234-05-22.79	45.117	19-05-50.39	25.232	150.000	2.107	49.997	14614.377	14639.375	14664.374	14639.609
30	424349.706	2976827.927	254-07-15.10	39.906	20-01-52.31	8.830	80.000	0.774	17.481	14670.217	14678.957	14687.698	14679.048
31	424233.913	2976794.968	212-43-41.44	120.388	41-23-33.66	18.890	50.000	3.449	36.122	14780.365	14796.426	14812.487	14799.255



DESIGN LEVEL(m)	168.945	168.874	168.804	168.734	168.663	168.593	168.523	168.452	168.382	168.312	168.241	168.171	168.101	168.031	167.960	167.890	167.820	167.749	167.679	167.609	167.538	167.468	167.398	167.327	167.257	167.187	167.116	167.046	166.976	166.905	166.835
EXISTING LEVEL(m)	167.782	167.663	167.629	167.571	167.334	167.163	167.140	167.111	167.129	167.139	167.025	166.919	166.838	166.763	166.657	166.457	166.312	166.157	166.015	165.843	165.743	165.643	165.596	165.572	165.713	165.847	165.920	165.984	166.045	166.078	166.098
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		LEFT		IP-27 R=150.00		IP-28 R=100.00		IP-29 R=150.00		IP-30 R=50.00		IP-31 R=50.00																		
SUPER ELEVATION	NC		T		-2.5		T		2.5		T		-2.5		T		-2.5		T		NC										
			1+524.758 1+530.533				1+571.746 1+580.391		1+608.65 1+615.752				1+662.999 1+671.592		1+686.323 1+692.098						1+760.657 1+766.782										



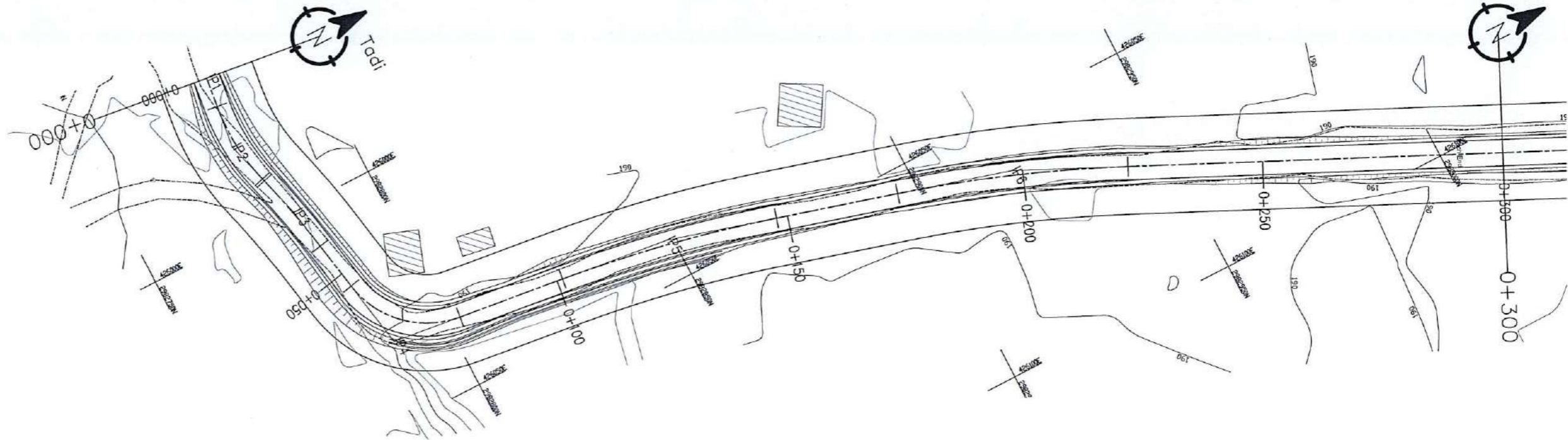
IP No.	CO-ORDINATES(m)		WCB (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHANGAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
31	424233.913	2976794.988	212-43-41.44	120.388	41-23-33.66	18.890	50.000	3.449	36.122	1+780.365	1+796.426	1+816.487	1+792.255
32	424167.250	2976691.263	255-17-5.74	123.300	42-33-24.30	19.472	50.000	3.658	37.138	1+901.425	1+919.994	1+938.563	1+920.867
33	424001.145	2976668.649	224-32-42.09	89.025	30-44-23.65	32.986	120.000	4.451	64.382	1+975.129	2+007.320	2+039.511	2+008.115
34	424049.022	2976636.012	00-00-0.00	45.794	00-00-0.00	0.000	0.000	0.000	0.000	2+052.319	2+052.319	2+052.319	2+052.319



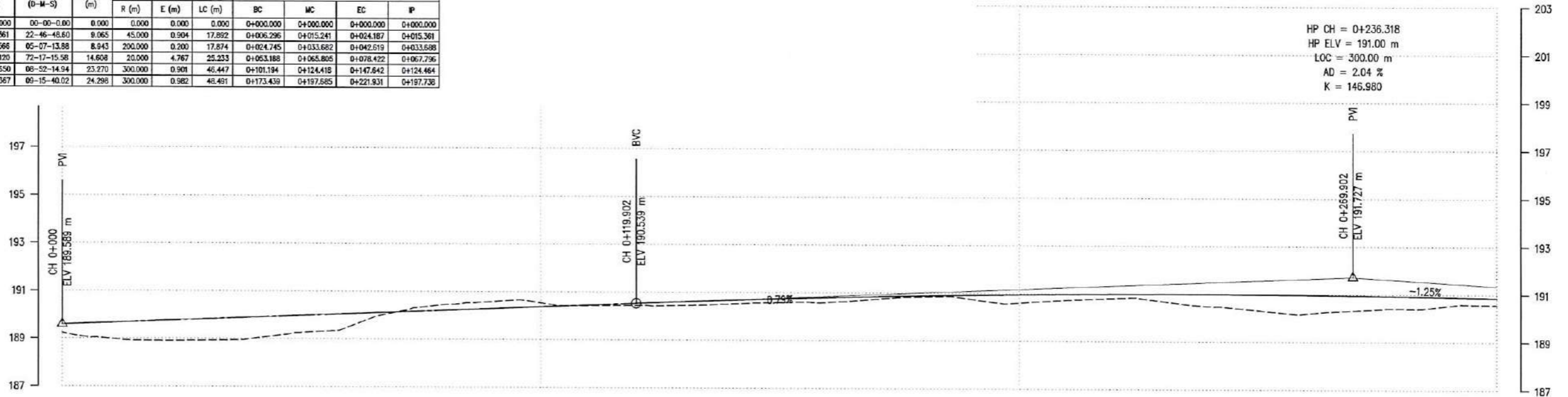
DESIGN LEVEL(m)	166.835	166.754	166.650	166.522	166.383	166.243	166.103	165.964	165.824	165.684	165.545	165.405	165.266	165.126	164.986	164.847	164.707	164.567	164.428	164.288	164.149	164.009	163.869	163.730	163.590	163.450
EXISTING LEVEL(m)	166.098	166.055	166.065	165.922	165.777	165.634	165.507	165.382	165.240	165.095	165.003	165.034	164.909	164.622	164.384	164.178	164.167	164.120	164.150	164.196	164.217	164.245	164.202	164.200	164.070	163.540
CHAINAGE(Km)	1+800	1+810	1+820	1+830	1+840	1+850	1+860	1+870	1+880	1+890	1+900	1+910	1+920	1+930	1+940	1+950	1+960	1+970	1+980	1+990	2+000	2+010	2+020	2+030	2+040	2+050
HORIZONTAL ALIGNMENT	RIGHT		LEFT		T		NC		T		-7		T		5		T		NC		T		NC		T	
SUPER ELEVATION	7		1+810.071		1+836.196		1+881.716		1+907.841		1+932.145		1+978.567		2+036.073		2+052.319		2+052.319		2+052.319		2+052.319		2+052.319	

PLAN AND PROFILE: Alignment To Kamala Bridge



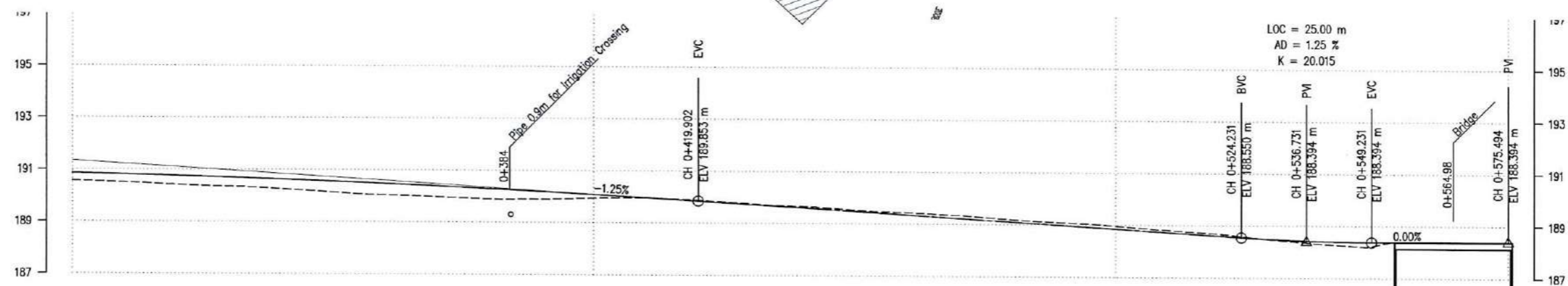
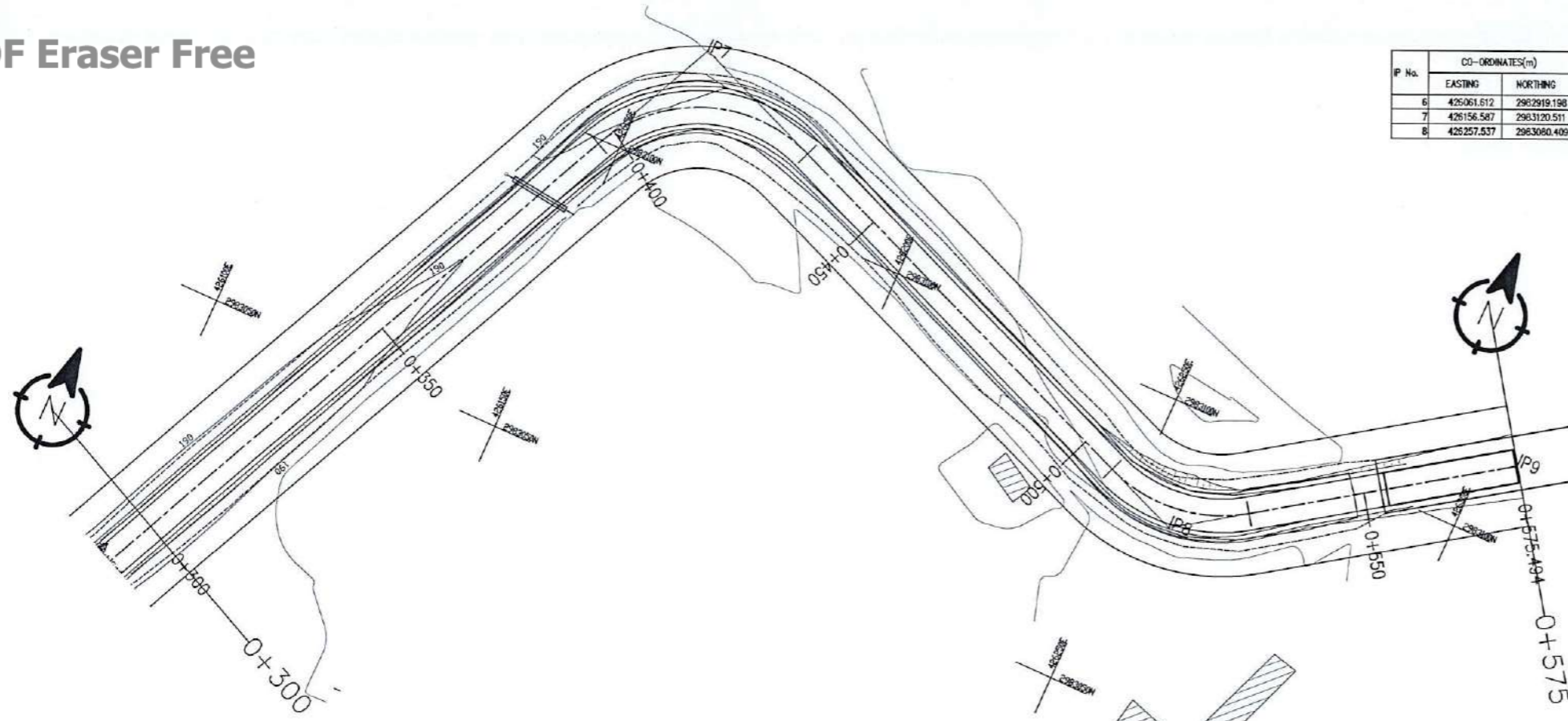


IP No.	CO-ORDINATES(m)		WCS (D-M-S)	DIST. (m)	DEF. ANG. (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
1	425967.216	2982779.966	97-04-20.36	0.000	00-00-00.00	0.000	0.000	0.000	0.000	0+000.000	0+000.000	0+000.000	0+000.000
2	425982.460	2982777.195	74-17-31.78	15.361	22-46-46.60	9.065	45.000	0.904	17.892	0+006.296	0+015.241	0+024.187	0+015.361
3	426000.333	2982782.221	79-24-45.64	18.568	05-07-13.88	8.943	200.000	0.200	17.874	0+024.745	0+033.682	0+042.619	0+033.688
4	426033.872	2982788.490	07-07-30.06	34.120	72-17-15.98	14.608	20.000	4.767	25.233	0+053.188	0+065.805	0+078.422	0+067.796
5	426041.395	2982848.672	15-59-45.00	60.650	06-52-14.94	23.270	300.000	0.901	46.447	0+101.194	0+124.418	0+147.642	0+124.464
6	426061.612	2982919.198	25-15-25.02	73.367	00-15-40.02	24.298	300.000	0.982	48.491	0+173.439	0+197.685	0+221.931	0+197.738

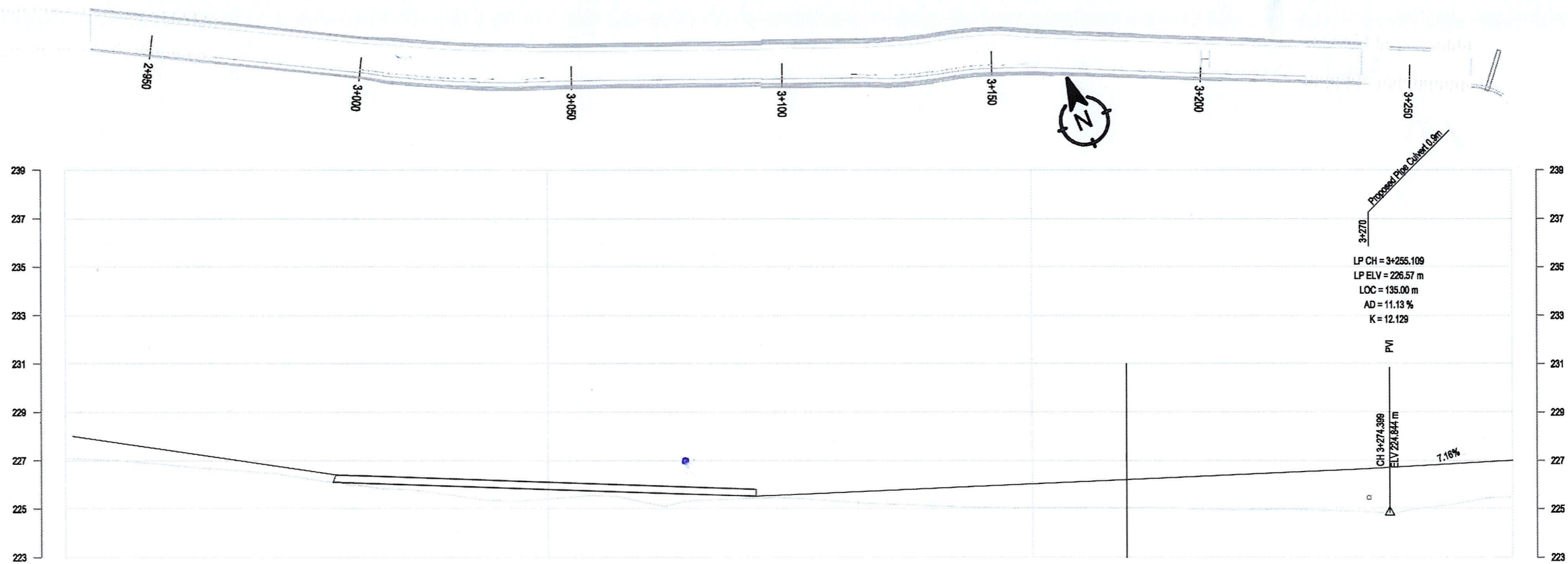


DESIGN LEVEL(m)	189.589	189.668	189.747	189.827	189.905	189.985	190.064	190.143	190.223	190.302	190.381	190.460	190.540	190.615	190.684	190.746	190.802	190.850	190.892	190.927	190.955	190.976	190.991	190.998	190.999	190.993	190.981	190.951	190.935	190.902	190.862	
EXISTING LEVEL(m)	189.235	188.995	188.909	188.926	189.012	189.261	189.522	190.149	190.455	190.592	190.544	190.432	190.447	190.457	190.530	190.589	190.605	190.739	190.840	190.749	190.611	190.732	190.810	190.694	190.486	190.330	190.195	190.335	190.414	190.540	190.569	
CHAINAGE(Km)	0+000	0+010	0+020	0+030	0+040	0+050	0+060	0+070	0+080	0+090	0+100	0+110	0+120	0+130	0+140	0+150	0+160	0+170	0+180	0+190	0+200	0+210	0+220	0+230	0+240	0+250	0+260	0+270	0+280	0+290	0+300	
HORIZONTAL ALIGNMENT	RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT		RIGHT		LEFT	
SUPER ELEVATION	NC	T	2.5	T	-2.5	T	2.5	T	-3	T	-3	T	-3	T	-3	T	-3	T	-3	T	-3	T	-3	T	-3	T	-3	T	-3	T	-3	

P 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
6	426061.612	2982919.198	25-15-25.02	73.367	00-15-40.02	24.298	300.000	0.982	48.491	0+173.439	0+197.685	0+221.931	0+197.738
7	426156.587	2983120.511	111-39-54.61	222.581	86-24-28.59	23.480	25.000	9.297	37.703	0+396.744	0+415.595	0+434.446	0+420.223
8	426257.537	2983080.409	55-34-40.22	106.624	56-05-14.39	13.317	25.000	3.326	24.473	0+506.273	0+518.509	0+530.745	0+519.590



DESIGN LEVEL(m)	190.862	190.815	190.762	190.701	190.634	190.560	190.479	190.392	190.297	190.196	190.088	189.974	189.852	189.727	189.602	189.477	189.352	189.228	189.103	188.978	188.853	188.728	188.603	188.486	188.415	188.394	188.394	188.394	188.381			
EXISTING LEVEL(m)	190.569	190.507	190.419	190.352	190.260	190.140	190.043	189.979	189.899	189.803	189.652	189.973	189.882	189.759	189.652	189.525	189.439	189.338	189.189	189.079	188.965	188.813	188.674	188.474	188.308	188.271	188.394	188.394	188.381			
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				
HORIZONTAL ALIGNMENT	RIGHT																	IP-7 R=25.00				IP-8 R=25.00										
	LEFT																															
SUPER ELEVATION	NC																T		-7		T		NC		T		7		T		NC	
	0+300																															

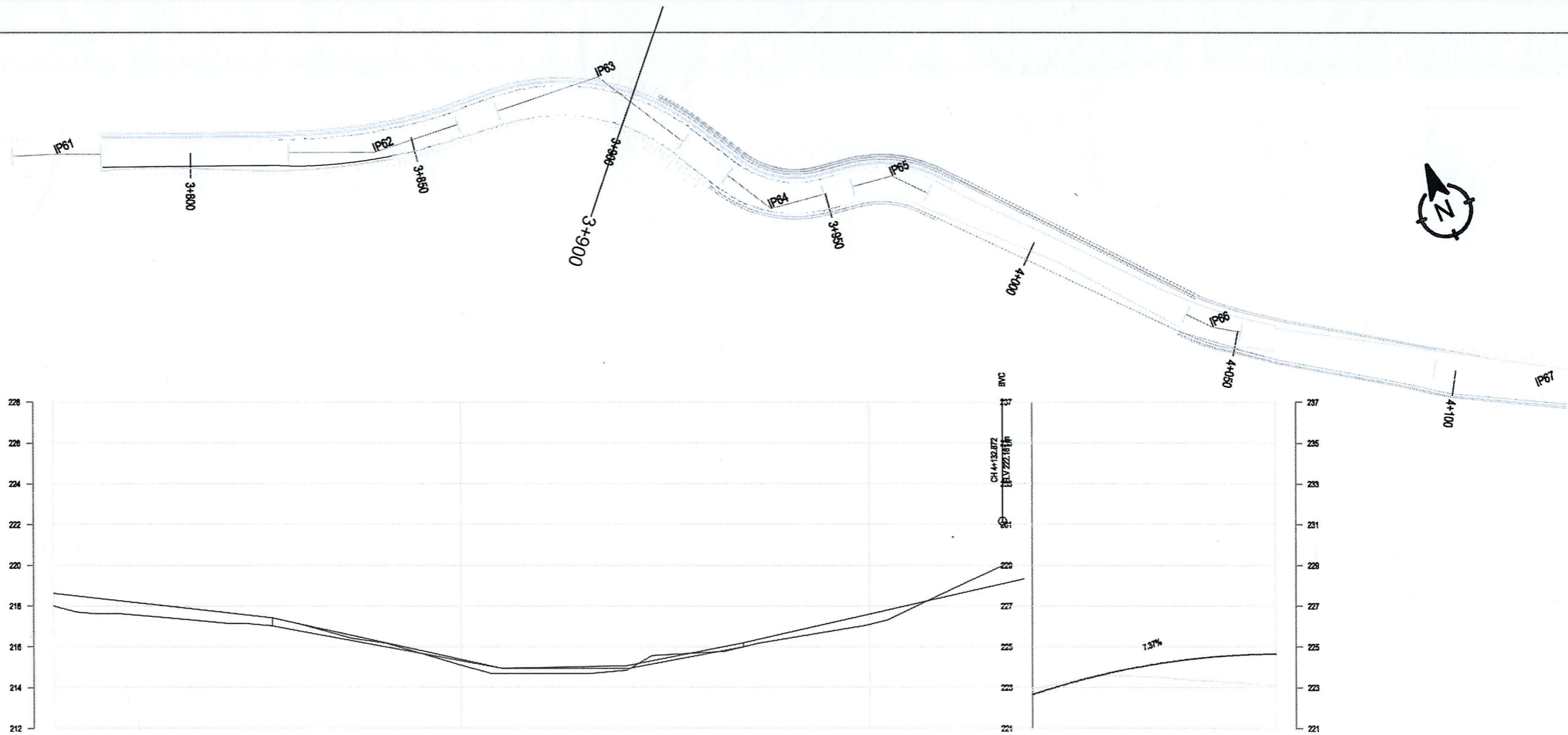


DESIGN LEVEL(m)	228.131	228.031	227.731	227.131	226.981	226.251	225.988	225.805	225.590	225.342	225.416	225.534	225.266	225.339	225.416	226.87	226.95	227.10	227.15	227.199	227.801	227.408	227.977	226.829	226.693	226.580	226.579	226.860	226.824	227.071	227.400			
EXISTING LEVEL(m)	227.998	227.912	228.847	226.871	226.517	226.251	225.988	225.805	225.590	225.342	225.416	225.534	225.266	225.339	225.416	225.438	225.305	225.198	225.121	225.059	225.042	225.047	225.037	225.020	224.981	224.970	224.942	224.859	224.986	225.281	225.471			
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																		IP-52 R=60.00											IP-54 R=20.00					
RIGHT																																		
LEFT																																		
SUPER ELEVATION	T	3	T	NC										T	2.5	T	-2.5	T	NC										T	-2.5	T	12.5		
	3+000	3+007.242	3+036.816	3+051.941											3+118.144	3+123.919	3+136.001	3+140.884	3+153.889	3+159.634											3+280.279	3+286.054	3+296.701	3+298.813

CHAINAGE : 3+000 - 3+300

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	421704.288	2986008.170	112-39-46.20	117.041	06-41-55.34	17.557	300.000	0.513	35.074	3+004.492	3+022.029	3+039.566	3+022.049
51	421803.916	2985968.571	104-09-52.29	107.964	08-29-53.91	7.430	100.000	0.276	14.832	3+122.544	3+129.960	3+137.376	3+129.973
52	421820.841	2985962.299	115-25-10.83	17.456	11-15-18.53	7.883	80.000	0.387	15.715	3+139.519	3+147.376	3+155.234	3+147.402
53	421869.282	2985939.277	115-02-14.44	53.633	00-22-56.39	1.001	300.000	0.002	2.002	3+199.983	3+200.984	3+201.985	3+200.984
54	421947.003	2985902.974	210-42-50.24	85.781	95-40-35.80	22.087	20.000	9.798	33.397	3+264.679	3+281.378	3+298.076	3+286.766
55	421922.976	2985862.531	93-28-23.62	47.042	117-14-26.61	24.594	15.000	13.807	30.694	3+298.438	3+313.785	3+329.132	3+323.032

<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure (DoLI) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: Joint Venture of AVIYAAN - SOILTEST - CARD 254 Ekata Marg, New Baneshwor, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	<p>SCALE</p>	DATE:
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						CHECKED BY :		SHEET NO :
						APPROVED BY :		



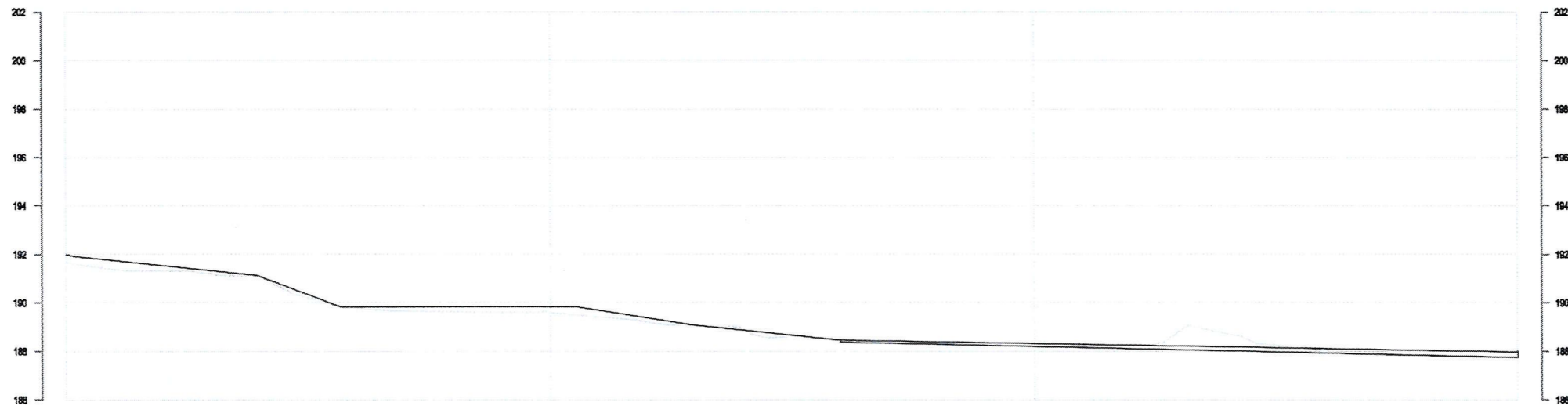
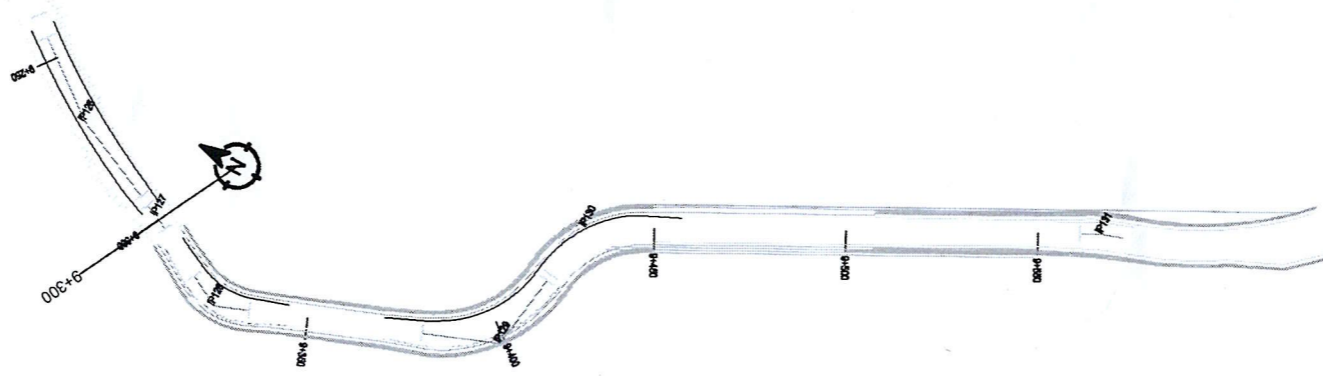
DESIGN LEVEL(m)	219.940	219.479	219.207	219.125	219.125	219.836	219.833	219.426	219.923	214.430	219.854	219.953	214.184	214.364	214.773	215.293	215.728	219.207	219.181	219.269	219.028	220.470	221.213	221.950	222.699	223.264	223.760	224.147	224.425	224.594	224.654				
EXISTING LEVEL(m)	219.384	218.303	217.203	217.130	216.984	218.830	218.833	218.426	219.923	214.430	213.854	213.853	214.184	214.364	214.773	215.293	215.728	219.207	219.181	217.827	218.793	219.877	221.017	221.981	222.871	223.341	223.581	223.512	223.354	223.217	223.101				
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	IP-63 R=45.00		IP-64 R=25.00		IP-65 R=25.00		IP-66 R=50.00		IP-67 R=100.00		IP-68 R=100.00																							
	LEFT																		T		T		T		T		T		T		T		T		T
SUPER ELEVATION	3+900	3+913.021	3+926.15	3+946.298	3+967.843	3+972.4	3+978.215	4+017.958	4+044.098	4+100.309	4+138.79	4+173.533	4+197.726	4+200																					

CHAINAGE : 3+900 - 4+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
63	422436.956	2985696.209	150-46-1.86	52.935	56-14-33.08	24.049	45.000	6.023	44.173	3+870.224	3+892.310	3+914.396	3+939.273
64	422480.780	2985653.873	98-18-37.86	48.744	52-27-24.19	12.317	25.000	2.869	22.889	3+928.775	3+938.219	3+949.863	3+939.091
65	422488.540	2985649.815	138-31-30.77	28.074	40-12-53.10	9.152	25.000	1.623	17.547	3+956.268	3+965.042	3+973.815	3+965.421
66	422541.222	2985590.016	123-34-21.80	79.545	14-57-9.17	6.982	60.000	0.429	13.049	4+037.847	4+044.171	4+050.695	4+044.208
67	422603.583	2985548.627	96-53-34.61	74.846	26-40-46.99	23.712	100.000	2.773	46.565	4+095.267	4+118.549	4+141.832	4+118.980
68	422670.726	2985540.510	114-30-34.29	67.632	17-36-59.68	15.496	100.000	1.193	30.747	4+170.256	4+185.630	4+201.003	4+185.752

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<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure (DoLI) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: Joint Venture of AVIYAAN - SOILTEST - CARD 254 Ekata Marg, New Baneshwor, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	<p>SCALE 2 m 0 4 m 1:200</p>	<p>Plan and Profile 3+900-4+200</p>	DATE:
						DRAWN BY :			DRG NO : CS
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DESIGN LEVEL(m)	192.00	191.92	191.86	191.23	191.078	191.001	191.00	190.92	190.332	190.236	190.122	190.00	190.94	190.85	190.532	190.423	190.223	190.123	190.025	190.002	189.313	189.198	189.249	188.819	188.702	188.240	188.012	187.948	187.807	187.700	187.750
EXISTING LEVEL(m)	191.657	191.973	191.320	191.178	191.078	190.169	190.755	190.547	190.626	190.598	190.561	190.409	190.192	190.097	190.887	190.924	190.457	190.448	190.336	190.341	190.313	190.198	190.249	190.819	190.702	190.240	190.012	190.848	190.207	190.750	190.750
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	IP-127 R=100.00																IP-128 R=20.00		IP-129 R=36.00		IP-130 R=30.00		IP-131 R=75.00		IP-132 R=100.00					
	LEFT																														
SUPER ELEVATION	NC	T	T	T	NC	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	9+300	9+303.56	9+321.948	9+330.256	9+348.543	9+375.89	9+381.468	9+415.975	9+423.322	9+445.998	9+461.741	9+556.566	9+562.371	9+571.255	9+577.553	9+600															

CHAINAGE : 9+300 - 9+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
127	425929.977	2982878.009	207-53-27.53	31.006	04-24-34.52	3.850	100.000	0.074	7.896	9+295.205	9+299.053	9+302.901	9+299.055
128	425917.069	2982851.621	158-04-4.09	27.593	49-49-23.44	9.289	20.000	2.052	17.392	9+317.356	9+326.052	9+334.748	9+326.645
129	425945.174	2982781.821	97-04-20.27	75.246	80-59-43.81	20.815	35.000	5.620	37.260	9+380.090	9+388.720	9+417.350	9+400.705
130	425982.460	2982777.195	151-18-1.95	37.572	54-13-41.68	15.361	30.000	3.704	28.394	9+418.947	9+433.144	9+447.341	9+434.308
131	426047.216	2982658.915	160-11-18.01	134.848	08-53-16.07	5.829	75.000	0.228	11.634	9+560.996	9+568.813	9+572.830	9+568.825
132	426061.240	2982619.984	124-38-34.49	41.380	35-32-43.53	32.054	100.000	5.012	62.038	9+576.128	9+607.147	9+638.167	9+608.182

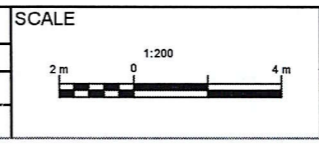
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Government of Nepal
Ministry of Federal Affairs and General Administration
Department of Local Infrastructure (DoLI)
Rural Connectivity Improvement Project (RCIP)
Project Coordination Unit (PCU)
Pulchowk, Lalitpur

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

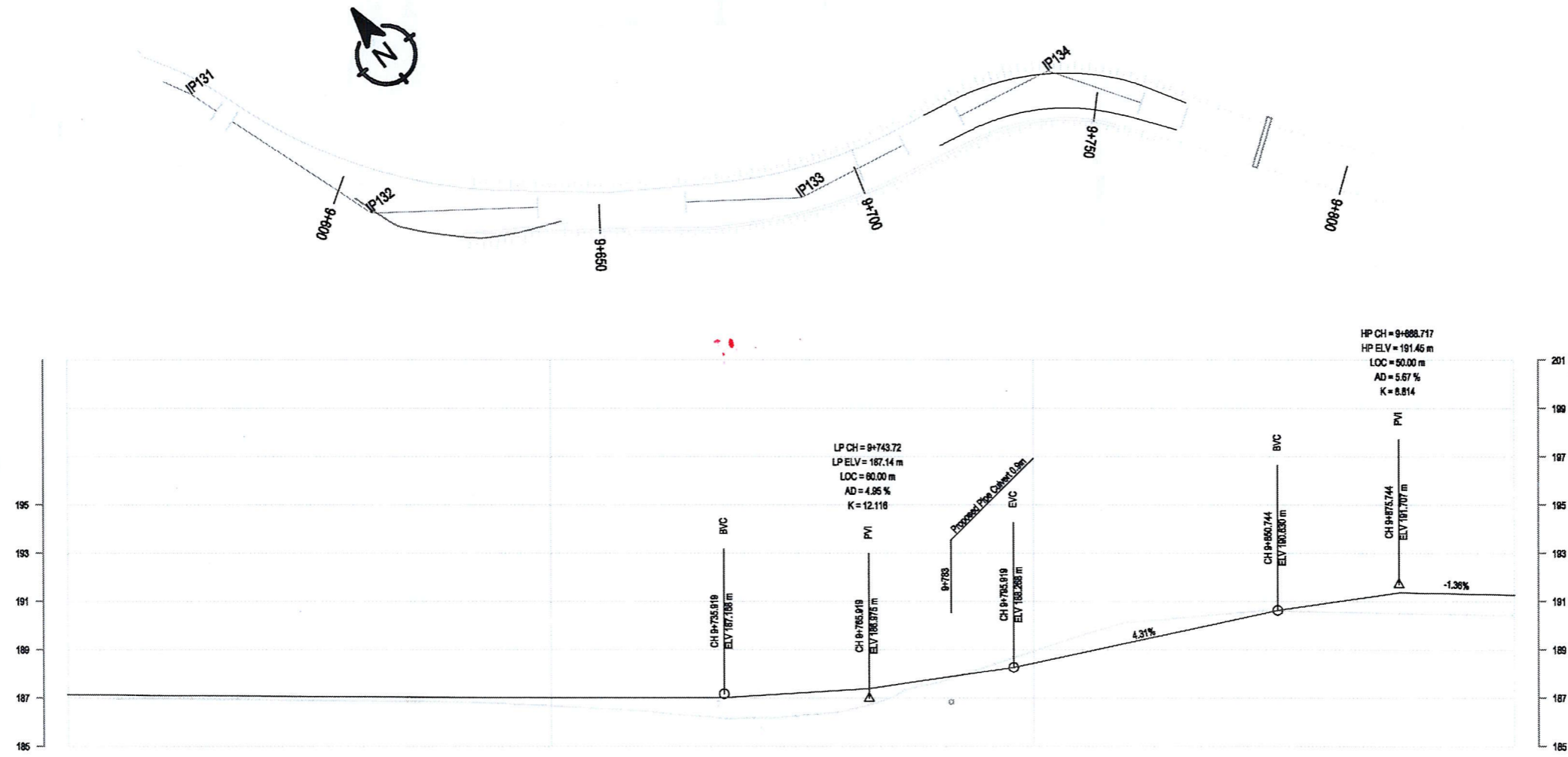
Jagadi - Dhansari -
Ganeshman Charnath Na. Pa.
(Province No - 2 Connecting)
Road, Sindhuli

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			CHECKED BY :
			APPROVED BY :



Plan and Profile
9+300-9+600

DATE:
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DESIGN LEVEL(m)	187.750	187.659	187.522	187.529	187.487	187.415	187.183	187.100	187.129	186.914	186.656	187.335	187.271	187.200	187.149	187.159	187.253	187.426	187.686	188.027	188.443	188.874	189.305	189.726	190.167	190.597	190.980	191.249	191.404	191.417	191.375	
EXISTING LEVEL(m)	187.750	187.659	187.522	187.529	187.487	187.415	187.183	187.100	187.129	186.914	186.656	186.667	186.530	186.251	186.159	186.233	186.423	186.670	187.812	188.282	188.847	189.595	190.123	190.300	190.474	190.643	190.833	190.983	191.223	190.463	190.443	190.422
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		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT		LEFT	
SUPER ELEVATION	2.5		T		NC		T		3		T		-2.5		T		NC		T		NC		T		NC		T		NC		T	

CHAINAGE : 9+600 - 9+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
132	428061.240	2982619.984	124-38-34.49	41.380	35-32-43.53	32.054	100.000	5.012	62.038	9+576.128	9+607.147	9+638.167	9+608.182
133	428126.428	2982572.889	99-28-53.32	82.882	25-09-41.17	22.317	100.000	2.460	43.915	9+666.677	9+688.635	9+710.592	9+688.985
134	428182.110	2982564.070	145-28-27.81	53.412	45-57-34.49	19.083	45.000	3.879	36.097	9+722.604	9+740.652	9+758.701	9+741.687
135	428218.173	2982511.714	137-13-45.05	63.574	08-12-42.78	35.893	500.000	1.287	71.862	9+767.300	9+803.131	9+838.962	9+803.192
136	428295.947	2982427.640	132-11-29.45	114.531	05-02-15.59	21.995	500.000	0.464	43.962	9+895.605	9+917.596	9+939.567	9+917.600

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<p>Government of Nepal Ministry of Federal Affairs and General Administration Department of Local Infrastructure (DoLI) Rural Connectivity Improvement Project (RCIP) Project Coordination Unit (PCU) Pulchowk, Lalitpur</p>	<p>Consultant: Joint Venture of AVIYAAN - SOILTEST - CARD 254 Ekata Marg, New Baneshwor, Kathmandu-34, Nepal Phone: 977-1-4104307 Email: info@aviyaan.com</p>	<p>Jagadi - Dhansari - Ganeshman Charnath Na. Pa. (Province No - 2 Connecting) Road, Sindhuli</p>	DATE	REVISION	SIGNATURE	DESIGNED BY :	SCALE 	<p>Plan and Profile 9+600-9+900</p>	DATE:
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					CHECKED BY :			SHEET NO : 33	
					APPROVED BY :				