



ROAD 1							
Point	Chainage	Easting	Northing	Level	Cumulative Distance	Reference	Bearing
1	0	374429.232m	442599.352m	81.314m	0m	Begin of Alignment, VPI	192°19'43.43"
2	4.215	374428.332m	442595.234m	81.262m	4.215m		Infinity
3	5	374428.158m	442594.469m	81.252m	5m	Line - Curve	192°19'40.53"
4	10	374426.738m	442589.678m	81.189m	10m		199°41'38.84"
5	10.409	374426.598m	442589.293m	81.184m	10.409m		200°12'55.51"
6	15	374424.795m	442585.073m	81.127m	15m		206°03'37.16"
7	16.604	374424.065m	442583.646m	81.107m	16.604m	Curve - Line	208°06'07.59"
8	20	374422.465m	442580.65m	81.064m	20m		208°06'07.59"
9	23.956	374420.602m	442577.16m	81.015m	23.956m	Vertical TP	208°06'07.59"
10	25	374420.11m	442576.239m	81.002m	25m		208°06'07.59"
11	30	374417.755m	442571.829m	80.962m	30m		208°06'07.59"
12	33.956	374415.891m	442568.339m	80.952m	33.956m	VPI	208°06'07.59"
13	33.956	374415.891m	442568.339m	80.952m	33.956m	Low Point	208°06'07.59"
14	35	374415.4m	442567.418m	80.953m	35m		208°06'07.59"
15	40	374413.044m	442563.007m	80.975m	40m		208°06'07.59"
16	43.956	374411.181m	442559.518m	81.015m	43.956m	Vertical TP	208°06'07.59"
17	43.957	374411.18m	442559.517m	81.015m	43.957m	Line - Curve	208°06'07.59"
18	45	374410.679m	442558.603m	81.028m	45m		209°25'47.79"
19	49.261	374408.412m	442554.996m	81.081m	49.261m		214°51'18.95"
20	50	374407.985m	442554.393m	81.09m	50m		215°47'46.10"
21	54.565	374405.132m	442550.832m	81.147m	54.565m	Curve - Line	221°36'30.31"
22	55	374404.843m	442550.507m	81.153m	55m		221°36'30.31"
23	56.124	374404.097m	442549.666m	81.167m	56.124m	Vertical TP	221°36'30.31"
24	57.655	374403.08m	442548.522m	81.185m	57.655m	Line - Line	221°36'30.31"
25	60	374401.523m	442546.768m	81.206m	60m		221°36'30.31"
26	64.645	374398.438m	442543.295m	81.228m	64.645m	Line - Curve	221°36'30.31"
27	65	374398.204m	442543.029m	81.229m	65m		221°09'23.82"
28	66.124	374397.475m	442542.174m	81.229m	66.124m	High Point	219°43'31.19"
29	66.124	374397.475m	442542.174m	81.229m	66.124m	VPI	219°43'31.19"
30	69.447	374395.447m	442539.542m	81.223m	69.447m		215°29'42.16"
31	70	374395.129m	442539.09m	81.22m	70m		214°47'25.51"
32	74.248	374392.873m	442535.492m	81.188m	74.248m	Curve - Line	209°22'54.1"
33	75	374392.504m	442534.837m	81.18m	75m		209°22'54.1"
34	76.124	374391.953m	442533.857m	81.167m	76.124m	Vertical TP	209°22'54.1"
35	80	374390.051m	442530.48m	81.119m	80m		209°22'54.1"
36	85	374387.598m	442526.123m	81.056m	85m		209°22'54.1"
37	89.569	374385.356m	442522.142m	80.999m	89.569m	VPI	209°22'54.1"
38	90	374385.145m	442521.766m	81.012m	90m		209°22'54.1"
39	91.569	374384.375m	442520.399m	81.059m	91.569m	VPI	209°22'54.1"
40	95	374382.692m	442517.409m	81.102m	95m		209°22'54.1"
41	98.814	374380.821m	442514.086m	81.149m	98.814m	VPI	209°22'54.1"
42	100	374380.239m	442513.052m	81.135m	100m		209°22'54.1"
43	105	374377.785m	442508.695m	81.072m	105m		209°22'54.1"
44	108.369	374376.133m	442505.76m	81.03m	108.369m	VPI	209°22'54.1"
45	110	374375.332m	442504.339m	80.981m	110m		209°22'54.1"
46	110.369	374375.151m	442504.017m	80.97m	110.369m	VPI	209°22'54.1"
47	115	374372.879m	442499.982m	81.028m	115m		209°22'54.1"
48	115.128	374372.816m	442499.87m	81.03m	115.128m	Vertical TP	209°22'54.1"
49	117.764	374371.523m	442497.573m	81.046m	117.764m	High Point	209°22'54.1"
50	120	374370.426m	442495.625m	81.034m	120m		209°22'54.1"
51	125	374367.973m	442491.268m	80.922m	125m		209°22'54.1"
52	125.128	374367.91m	442491.156m	80.917m	125.128m	VPI	209°22'54.1"
53	130	374365.52m	442486.911m	80.691m	130m		209°22'54.1"
54	130.921	374365.068m	442486.108m	80.635m	130.921m	Line - Curve	209°22'54.1"
55	132.045	374364.529m	442485.122m	80.562m	132.045m		207°57'02.2"
56	133.169	374364.014m	442484.123m	80.483m	133.169m	Curve - Line	206°32'53.22"
57	135	374363.197m	442482.485m	80.341m	135m		206°31'10.74"
58	135.128	374363.14m	442482.37m	80.331m	135.128m	Vertical TP	206°31'10.74"
59	140	374360.964m	442478.011m	79.93m	140m		206°31'10.74"

ROAD 2							
Point	Chainage	Easting	Northing	Level	Cumulative Distance	Reference	Bearing
1	0	374355.241m	442589.478m	81.763m	0m	VPI	185°05'37.70"
2	2.412	374354.882m	442587.094m	81.701m	2.412m	VPI	192°00'17.94"
3	5	374354.182m	442584.605m	81.736m	5m		199°25'03.90"
4	5.543	374353.995m	442584.095m	81.743m	5.543m		200°58'27.64"
5	8.012	374352.971m	442581.85m	81.777m	8.012m	Vertical TP	208°02'49.78"
6	10	374351.951m	442580.145m	81.801m	10m		213°44'30.10"
7	11.087	374351.323m	442579.258m	81.812m	11.087m	Curve - Line	216°51'17.59"
8	15	374348.976m	442576.127m	81.837m	15m		216°51'17.59"
9	17.592	374347.421m	442574.053m	81.842m	17.592m	High Point	216°51'17.59"
10	18.012	374347.169m	442573.717m	81.842m	18.012m	VPI	216°51'17.59"
11	20	374345.977m	442572.126m	81.838m	20m		216°51'17.59"
12	22.89	374344.243m	442569.814m	81.822m	22.89m	Line - Curve	216°51'17.59"
13	24.961	374343.04m	442568.129m	81.803m	24.961m		214°13'07.17"
14	25	374343.018m	442568.096m	81.803m	25m		214°10'07.3"
15	27.031	374341.195m	442566.391m	81.779m	27.031m	Curve - Line	211°34'56.76"
16	28.012	374341.02m	442565.555m	81.765m	28.012m	Vertical TP	211°34'56.76"
17	30	374340.361m	442563.862m	81.735m	30m		211°34'56.76"
18	32.517	374339.042m	442561.717m	81.698m	32.517m	Vertical TP	211°34'56.76"
19	35	374337.742m	442559.602m	81.666m	35m		211°34'56.76"
20	40	374335.123m	442555.343m	81.628m	40m		211°34'56.76"
21	42.517	374333.805m	442553.198m	81.623m	42.517m	VPI	211°34'56.76"
22	42.659	374333.731m	442553.077m	81.623m	42.659m	Low Point	211°34'56.76"
23	45	374332.505m	442551.083m	81.627m	45m		211°34'56.76"
24	50	374329.886m	442546.824m	81.662m	50m		211°34'56.76"
25	52.517	374328.568m	442544.68m	81.694m	52.517m	Vertical TP	211°34'56.76"
26	55	374327.267m	442542.564m	81.73m	55m		211°34'56.76"
27	60	374324.649m	442538.305m	81.802m	60m		211°34'56.76"
28	62.517	374323.331m	442536.161m	81.838m	62.517m	End of Alignment	211°34'56.76"
29	62.517	374323.331m	442536.161m	81.838m	62.517m	VPI	211°34'56.76"

ROAD 3							
Point	Chainage	Easting	Northing	Level	Cumulative Distance	Reference	Bearing
1	0	374346.966m	442591.545m	81.87m	0m	Begin of Alignment, VPI	104°01'23.51"
2	5	374351.817m	442590.333m	81.808m	5m		104°01'23.51"
3	10	374356.668m	442589.122m	81.745m	10m		104°01'23.51"
4	15	374361.519m	442587.91m	81.683m	15m		104°01'23.51"
5	16.8	374363.266m	442587.474m	81.66m	16.8m	End of Alignment, VPI	104°01'23.51"

ROAD 4							
Point	Chainage	Easting	Northing	Level	Cumulative Distance	Reference	Bearing
1	0	374327.913m	442543.615m	81.712m	0m	Begin of Alignment, VPI	121°34'56.76"
2	2.4	374329.958m	442542.358m	81.652m	2.4m	VPI	121°34'56.76"
3	5	374332.173m	442540.996m	81.62m	5m		121°34'56.76"
4	10	374336.432m	442538.377m	81.557m	10m		121°34'56.76"
5	15	374340.691m	442535.759m	81.495m	15m		121°34'56.76"
6	20	374346.951m	442533.14m	81.432m	20m		121°34'56.76"
7	21.769	374346.458m	442532.214m	81.41m	21.769m	Line - Curve	121°34'56.76"
8	24.169	374348.515m	442530.976m	81.38m	24.169m		120°28'55.38"
9	25	374349.232m	442530.557m	81.37m	25m		120°06'04.61"
10	26.57	374350.595m	442529.778m	81.35m	26.57m	Curve - Line	119°22'54.1"
11	30	374353.584m	442528.096m	81.307m	30m		119°22'54.1"
12	35	374357.941m	442525.642m	81.245m	35m		119°22'54.1"
13	40	374362.298m	442523.189m	81.182m	40m		119°22'54.1"
14	45	374366.654m	442520.736m	81.12m	45m		119°22'54.1"
15	49.857	374370.887m	442518.353m	81.059m	49.857m	VPI	119°22'54.1"
16	50	374371.011m	442518.283m	81.063m	50m		119°22'54.1"
17	52.029	374372.779m	442517.288m	81.125m	52.029m	VPI	119°22'54.1"
18	55	374375.368m	442515.83m	81.095m	55m		119°22'54.1"
19	57.857	374377.857m	442514.428m	81.066m	57.857m	VPI	119°22'54.1"
20	60	374379.725m	442513.377m	81.12m	60m		119°22'54.1"
21	60.607	374380.254m	442513.079m	81.135m	60.607m	End of Alignment	119°22'54.1"
22	60.607	374380.254m	442513.079m	81.135m	60.607m	VPI	119°22'54.1"

ROAD 5								
Point	Chainage	Easting	Northing	Level	Cumulative Distance	Reference	Bearing	Radius
1	0	374398.069m	442542.874m	81.229m	0m	Begin of Alignment, VPI	119°22'54.1"	Infinity
2	2.81	374400.518m	442541.495m	81.159m	2.81m	VPI	119°22'54.1"	Infinity
3	5	374402.426m	442540.421m	81.132m	5m		119°22'54.1"	Infinity
4	10	374406.783m	442537.968m	81.069m	10m		119°22'54.1"	Infinity
5	15	374411.139m	442535.515m	81.007m	15m		119°22'54.1"	Infinity
6	15.124	374411.247m	442535.454m	81.005m	15.124m	VPI	119°22'54.1"	Infinity
7	20	374415.496m	442533.062m	81.069m	20m		119°22'54.1"	Infinity
8	25	374419.853m	442530.084m	81.134m	25m		119°22'54.1"	Infinity