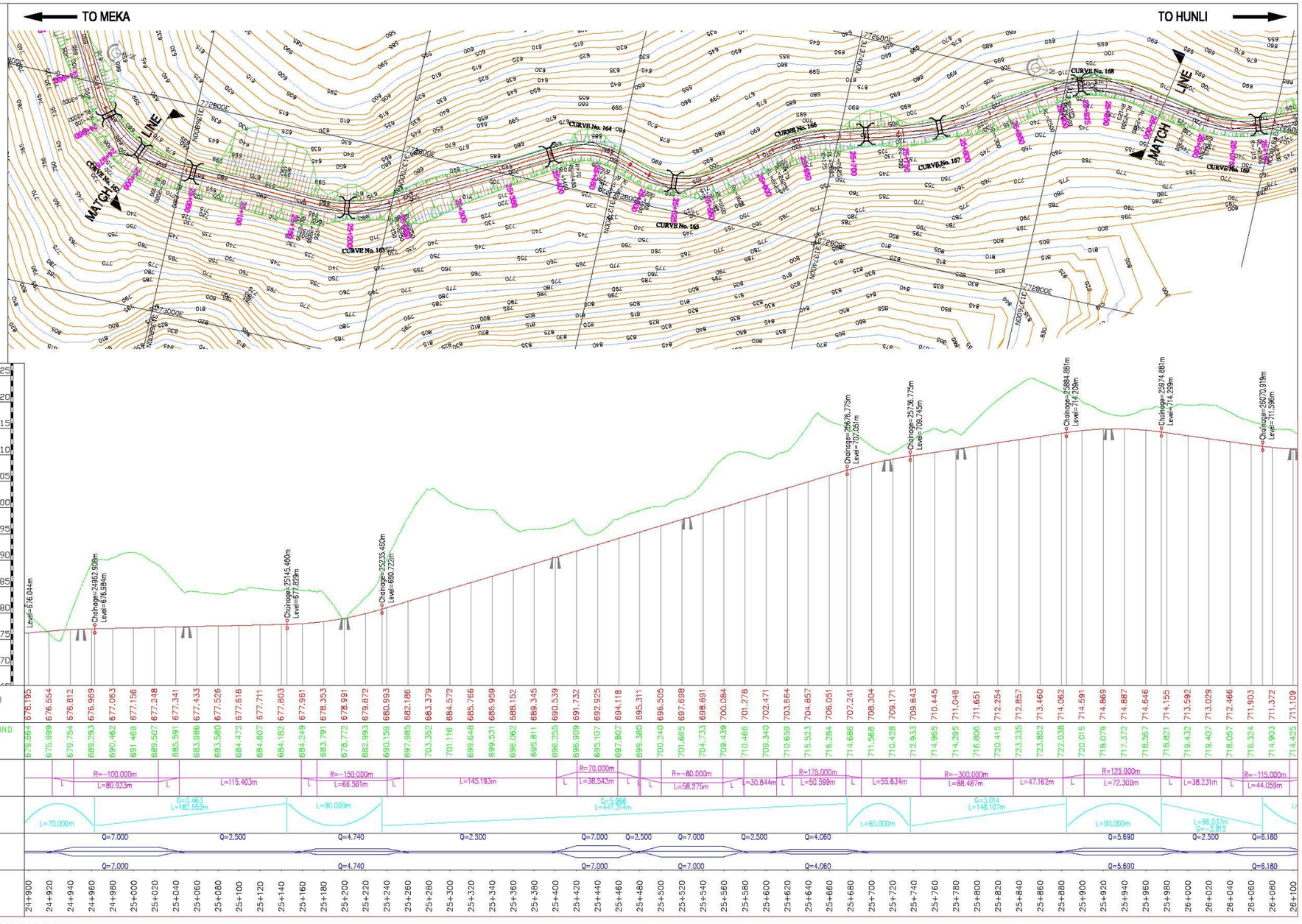

Shri Vivek Srivastava
GM (Projects), NHIDCL
Namsai
Arunachal Pradesh

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0				
DATE	June 2012				
DRAWN					
DESIGNED					
CHECKED					
APPROVED					

Scale:
HOR: 1:2500
VER: 1:500

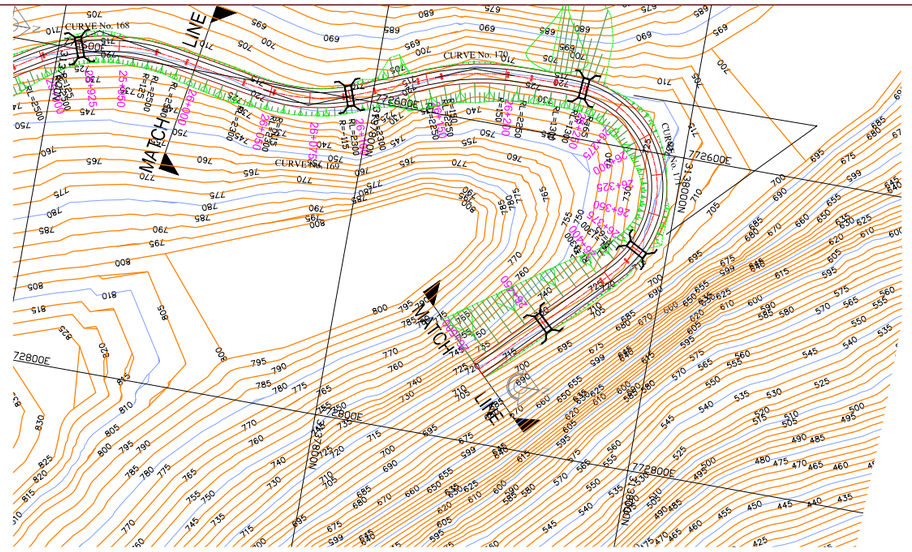
Sheet Size:
A2

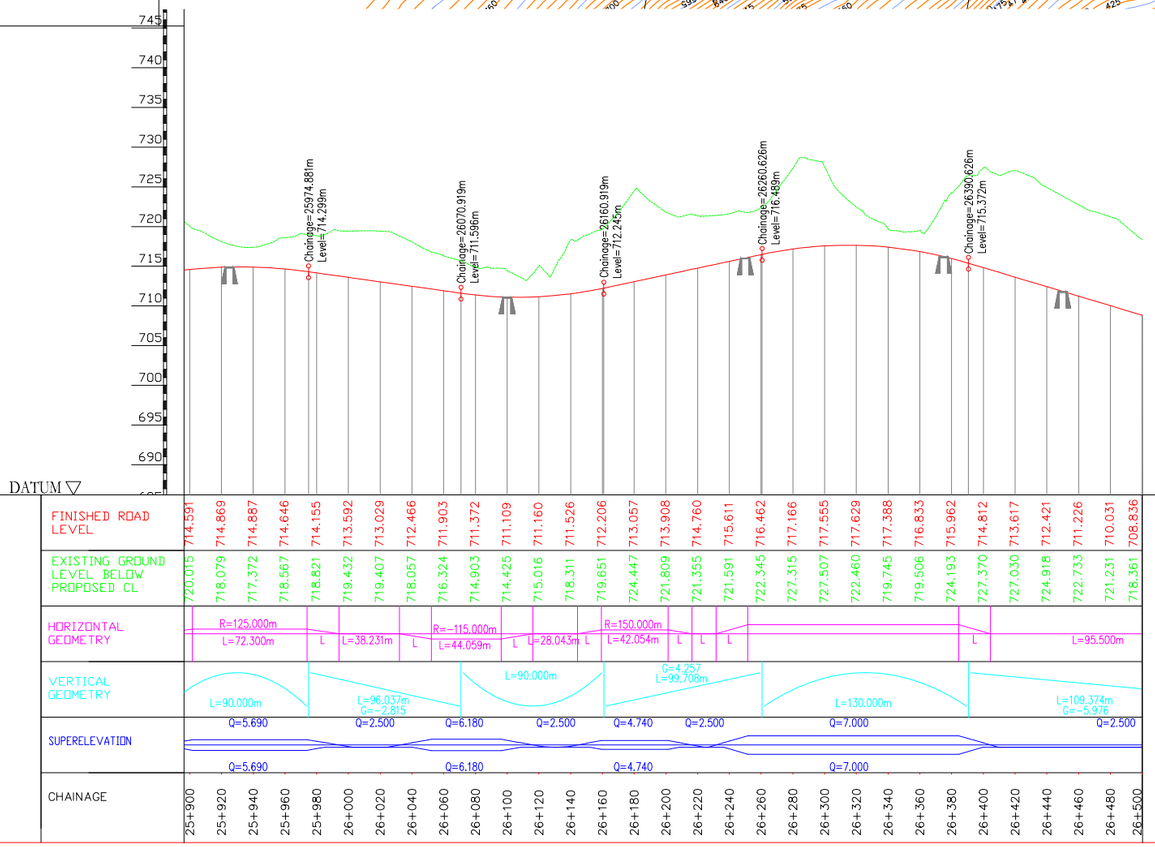
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 25+000 to Km 26+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ **P&P-153**





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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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HOR : 1:2500
VER : 1:500

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

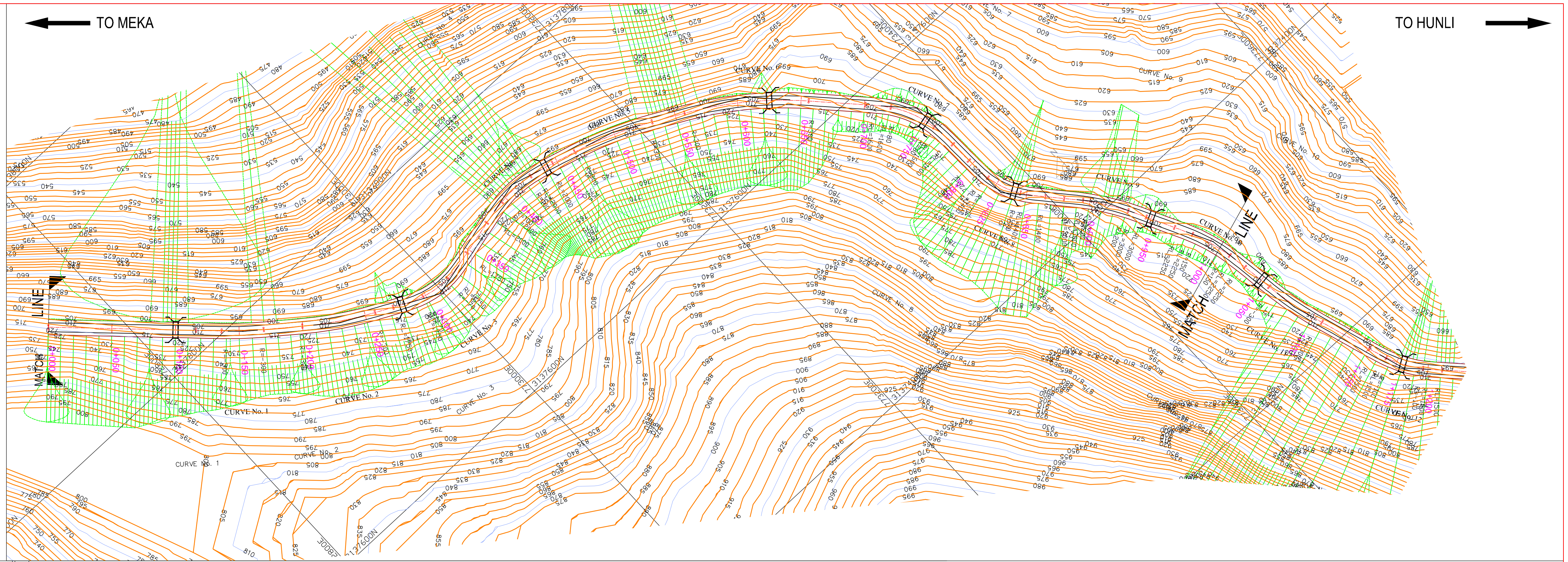
Sheet Size: A2

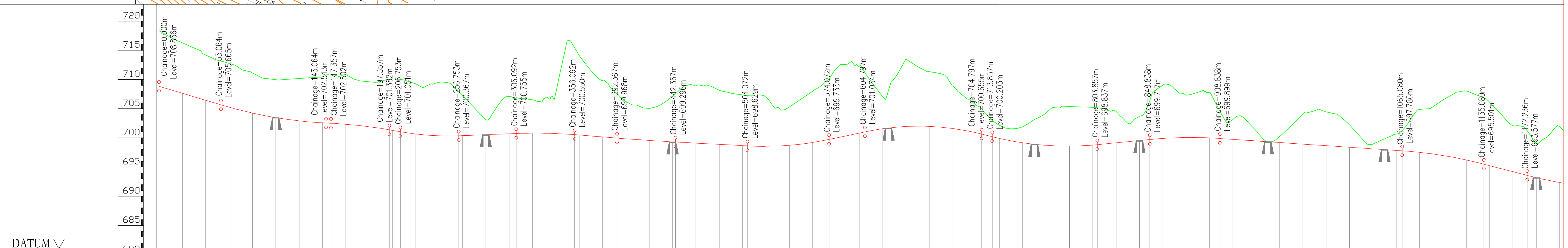
PLAN & PROFILE
(Km 26+000 to Km 26+500)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-154

New Alignment
Part - 3B

Ch. Km. 0+000 (Munli Camp) to Km. 25+972.809 (Kronli)





CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
0+000	708.836	718.361
0+020	707.641	716.274
0+040	706.446	714.194
0+060	705.264	712.759
0+080	704.257	711.129
0+100	703.474	709.976
0+120	702.913	710.170
0+140	702.575	710.453
0+160	702.340	710.848
0+180	701.916	709.605
0+200	701.289	710.110
0+220	700.660	709.264
0+240	700.356	709.518
0+260	700.393	707.279
0+280	700.550	703.120
0+300	700.707	707.093
0+320	700.818	706.546
0+340	700.746	707.845
0+360	700.487	714.126
0+380	700.166	709.850
0+400	699.848	706.226
0+420	699.564	705.031
0+440	699.322	707.135
0+460	699.106	708.936
0+480	698.889	708.135
0+500	698.673	707.317
0+520	698.553	706.956
0+540	698.731	705.312
0+560	699.212	707.997
0+580	699.984	711.849
0+600	700.831	712.284
0+620	701.571	707.029
0+640	701.953	713.468
0+660	701.965	711.337
0+680	701.609	708.855
0+700	700.884	705.619
0+720	699.910	702.146
0+740	699.161	701.902
0+760	698.721	704.275
0+780	698.590	705.374
0+800	698.767	705.229
0+820	699.153	704.521
0+840	699.544	703.709
0+860	699.901	709.042
0+880	700.059	707.353
0+900	699.997	707.812
0+920	699.748	703.133
0+940	699.477	701.215
0+960	699.207	700.228
0+980	698.936	704.017
1+000	698.666	704.442
1+020	698.395	702.244
1+040	698.125	698.935
1+060	697.855	700.665
1+080	697.523	704.865
1+100	696.981	706.519
1+120	696.219	708.006
1+140	695.246	706.128
1+160	694.211	702.124
1+180	693.192	699.131
1+200	692.350	701.889

HORIZONTAL GEOMETRY: L=136.239m; R=-300.000m L=33.129m; L=30.507m; R=-300.000m L=58.249m; L; L=25.000m; R L=24.311m; L=25.000m; L=28.323m; L; R=100.000m L=30.734m; L; L; R=300.000m L=65.206m; L=26.384m; R=300.000m L=98.506m; L=44.813m; L; R=80.000m L=37.700m; L; L; L; L; R=-70.000m L=28.487m; L; L; L; R=200.000m L=36.376m; L L=23.760m L; R=150.000m L=33.858m; L L=24.544m; R=-300.000m L=50.021m; L=42.741m; L; R=-100.000m L=30.293m; L

VERTICAL GEOMETRY: L=53.064m G=-5.976; L=90.000m; L G; L=50.000m; L G; L=50.000m; G=0.786 L=49.339m; L=50.000m; L=36.275m G=-1.605; L=50.000m; L=61.705m G=-1.081; L=70.000m; G=4.234 L; L=100.000m; L G; L=90.000m; G=1.957 L=44.981m; L=60.000m; L=156.242m G=-1.352; L=70.000m; L=37.156m G=-5.177; L=

SUPERELEVATION: Q=2.500; Q=7.000; Q=2.500; Q=7.000; Q=2.500; Q=7.000; Q=2.500; Q=7.000; Q=2.500; Q=3.560; Q=2.500; Q=4.740; Q=2.500; Q=7.000; Q=7.000; Q=7.000; Q=7.000; Q=7.000; Q=3.560; Q=4.740; Q=7.000

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0				
DATE	June 2012				
DRAWN					
DESIGNED					
CHECKED					
APPROVED					

Scale: HOR : 1:2500 VER : 1:500

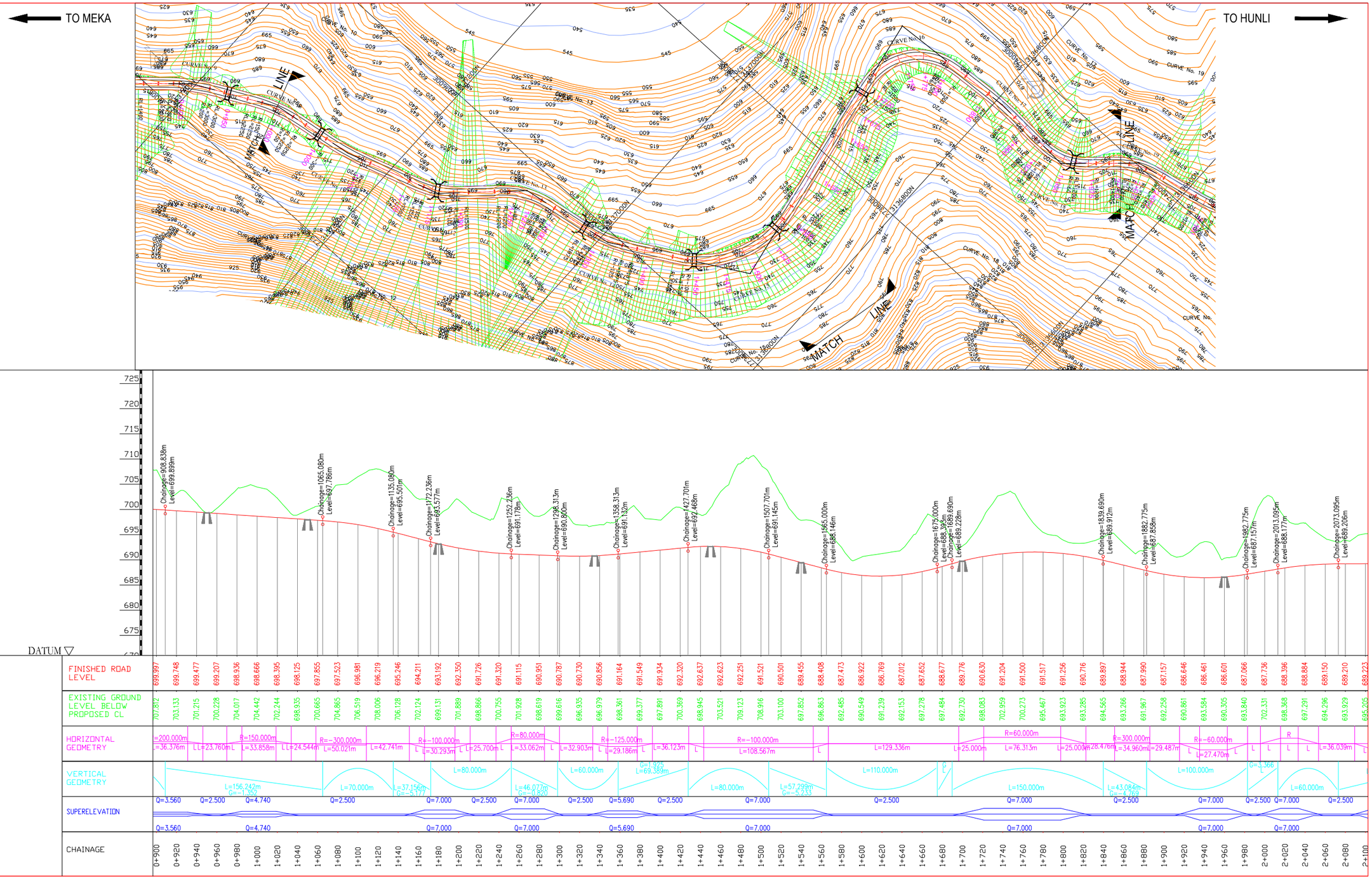
Sheet Size: A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 0+000 to Km 1+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-155



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BORDER ROADS ORGANISATION

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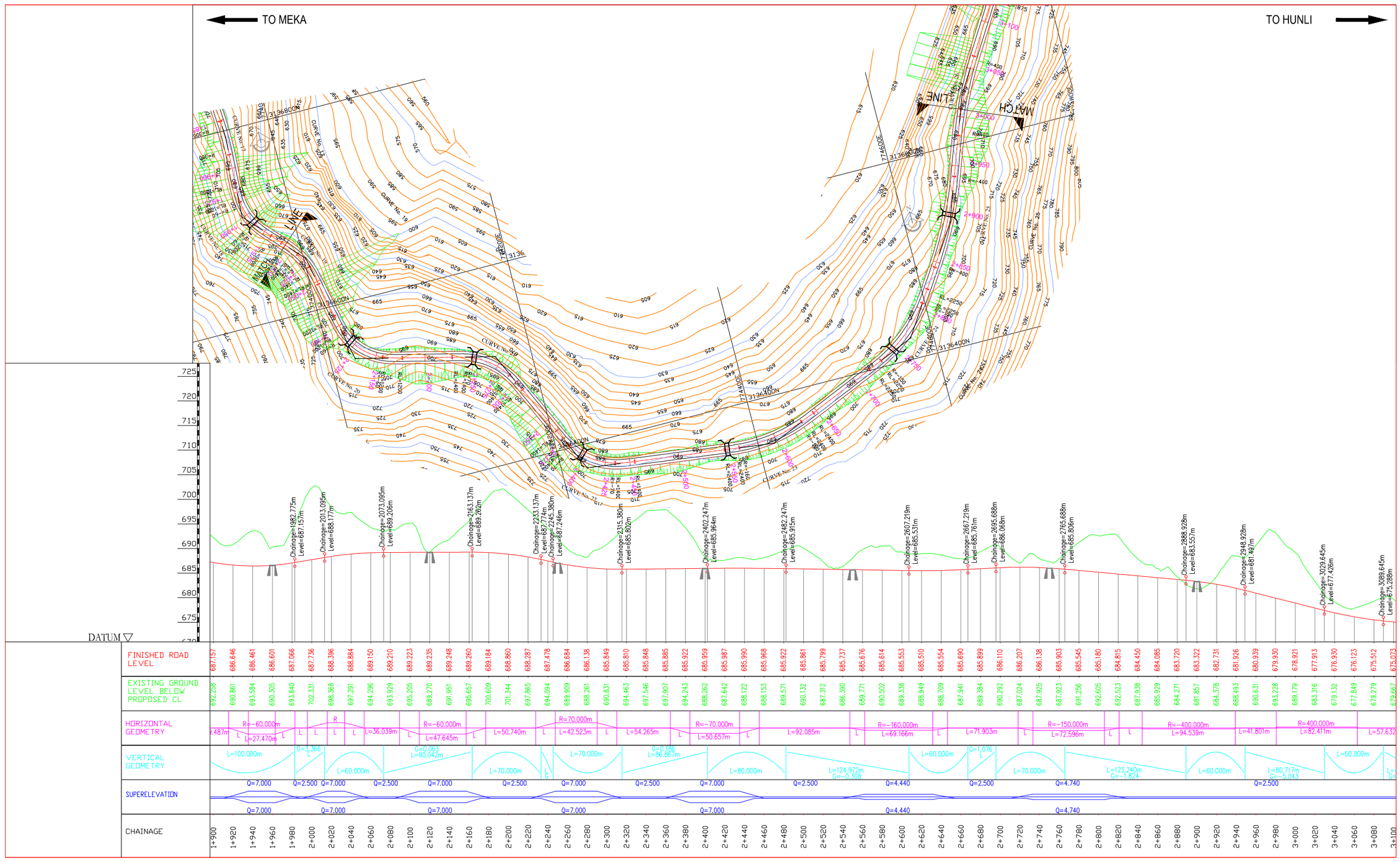
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

Sheet Size:
A2

PLAN & PROFILE
(Km 1+000 to Km 2+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-156



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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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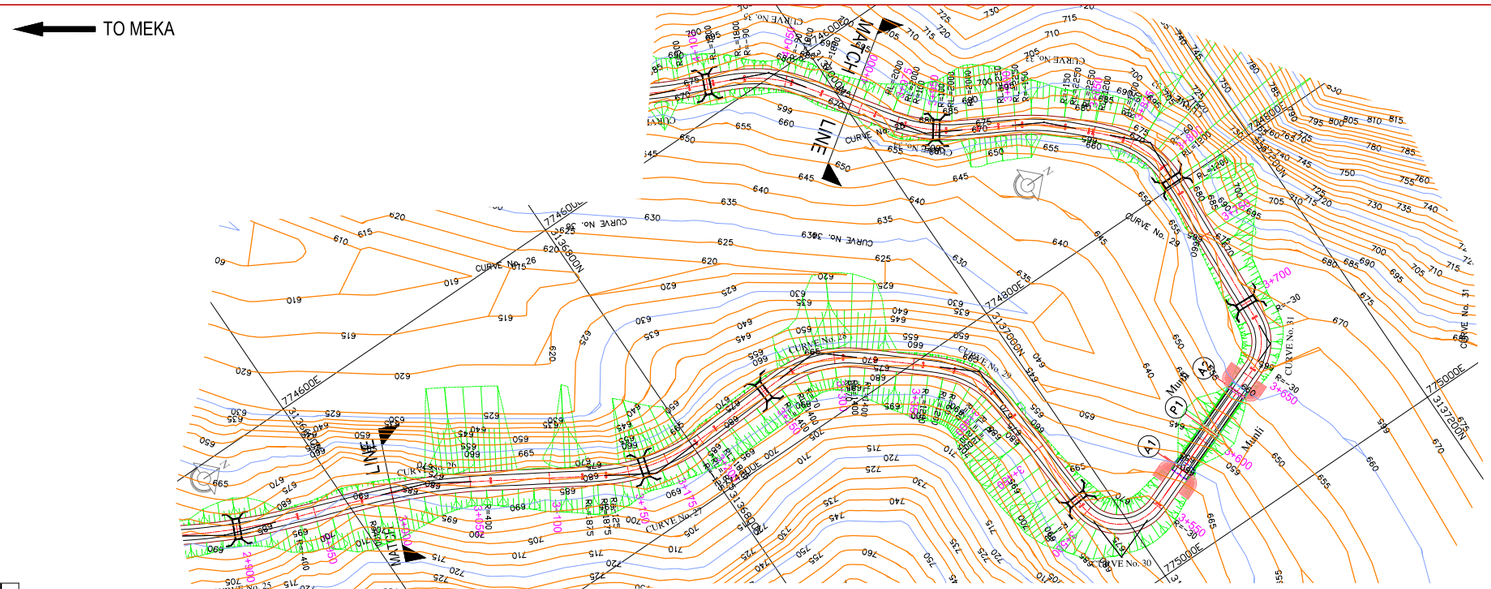
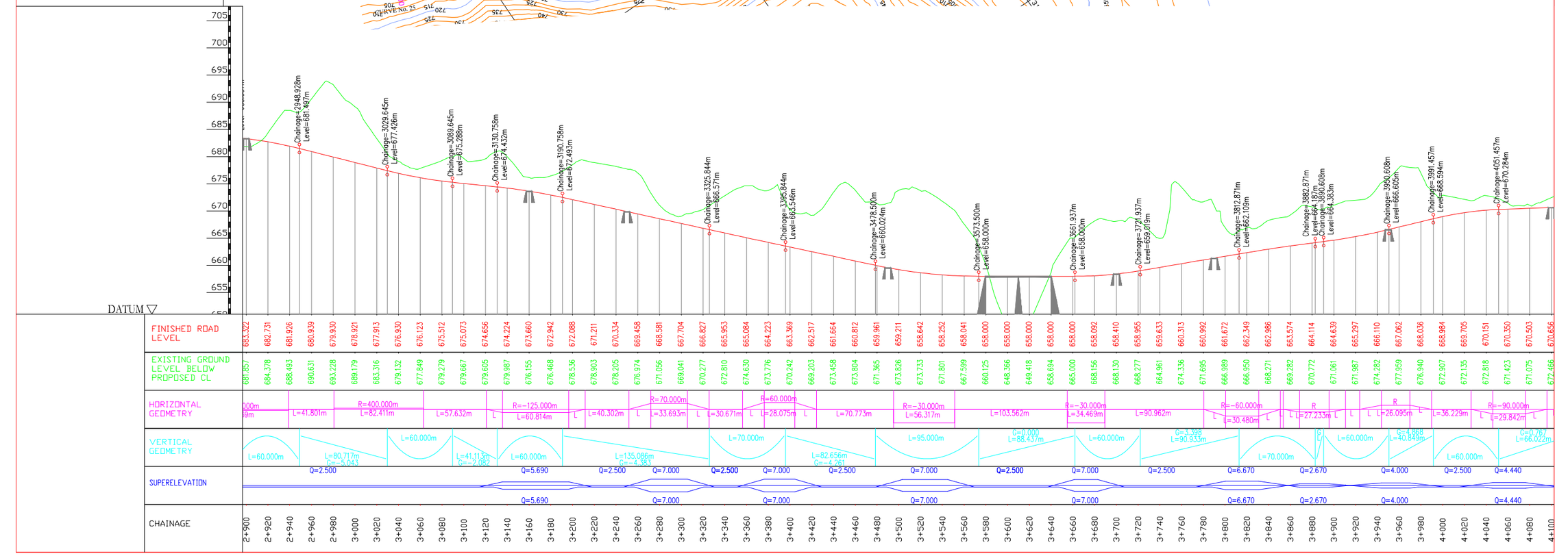
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 2+000 to Km 3+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-157





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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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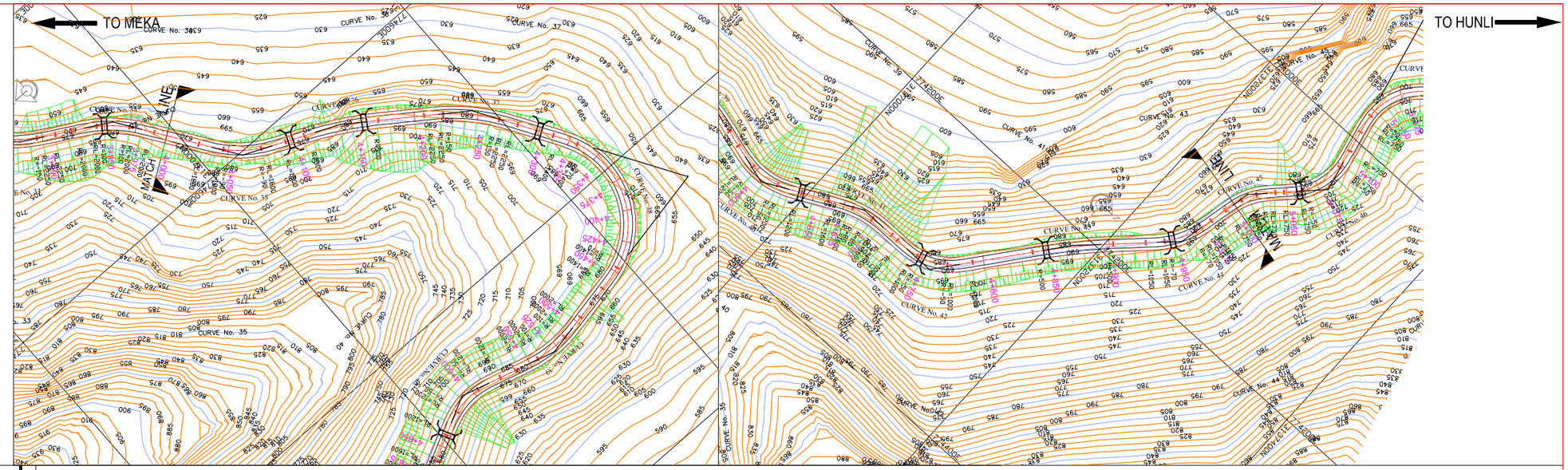
MEKA-ROING-HUNLI ROAD

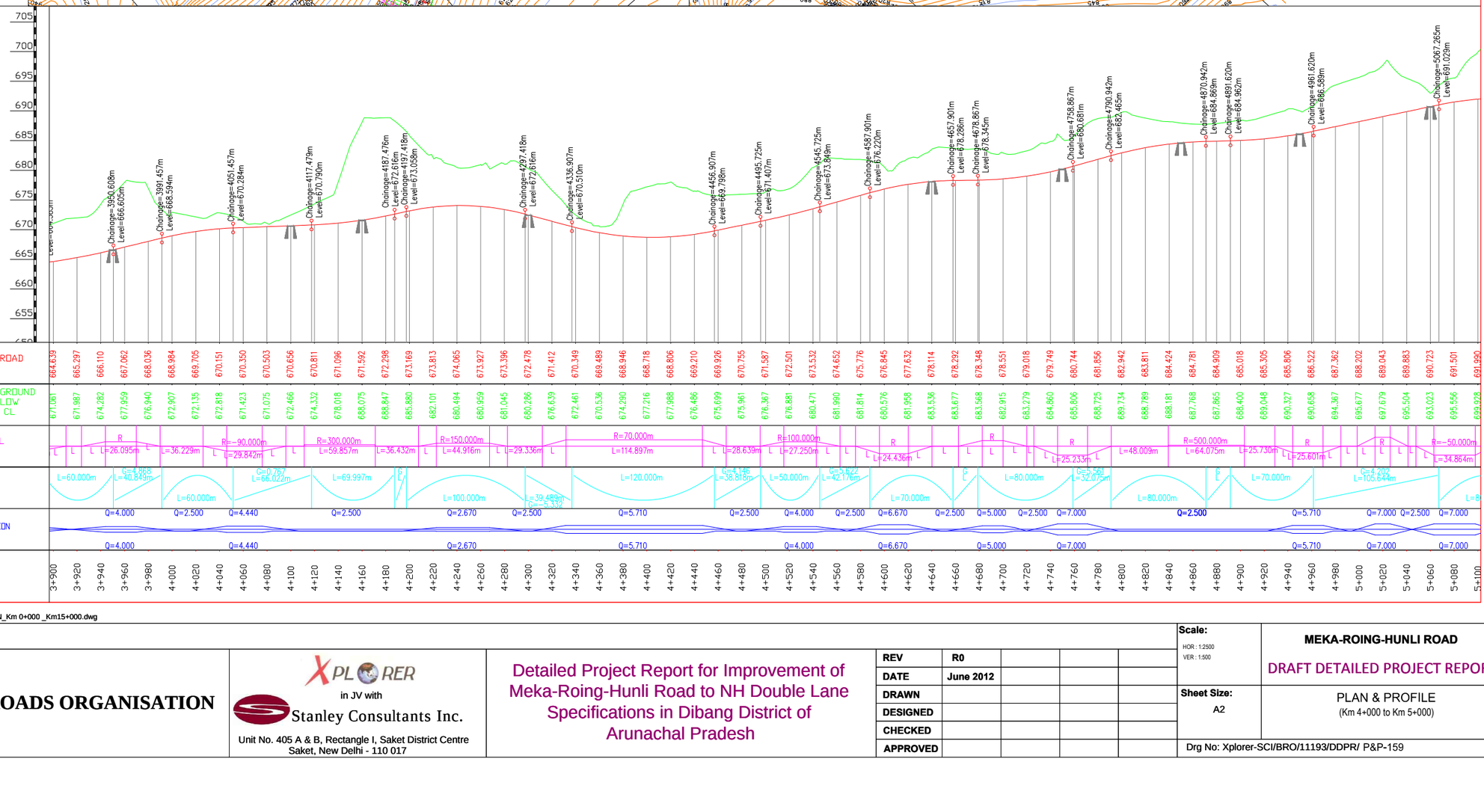
DRAFT DETAILED PROJECT REPORT

Sheet Size: A2

PLAN & PROFILE
(Km 3+000 to Km 4+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-158





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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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Scale:
HOR : 1:2500
VER : 1:500

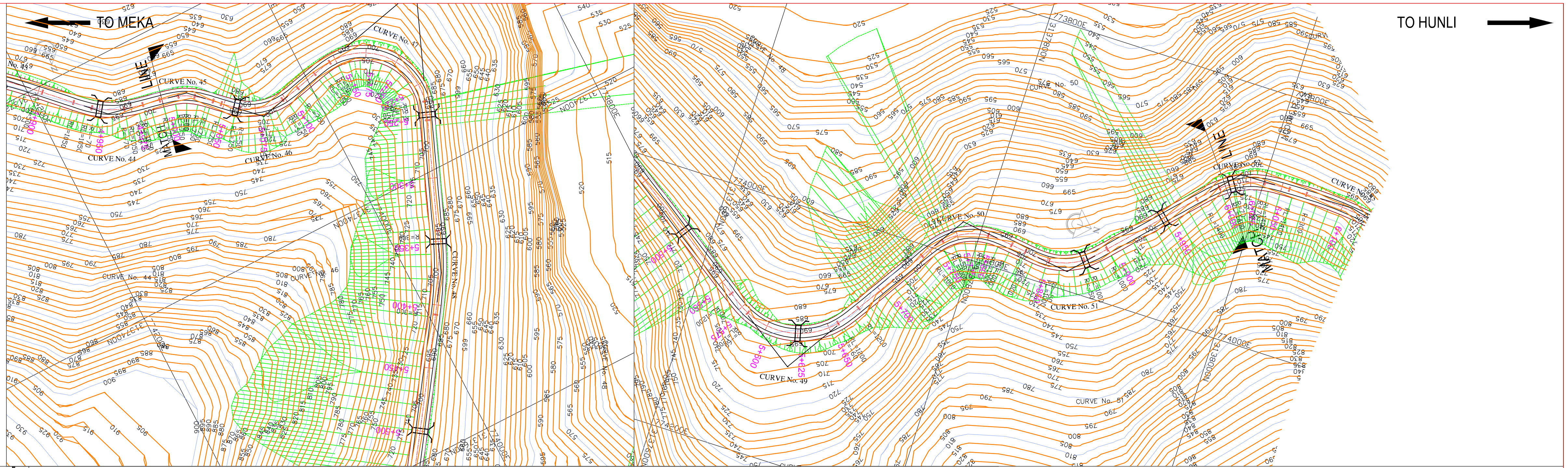
Sheet Size:
A2

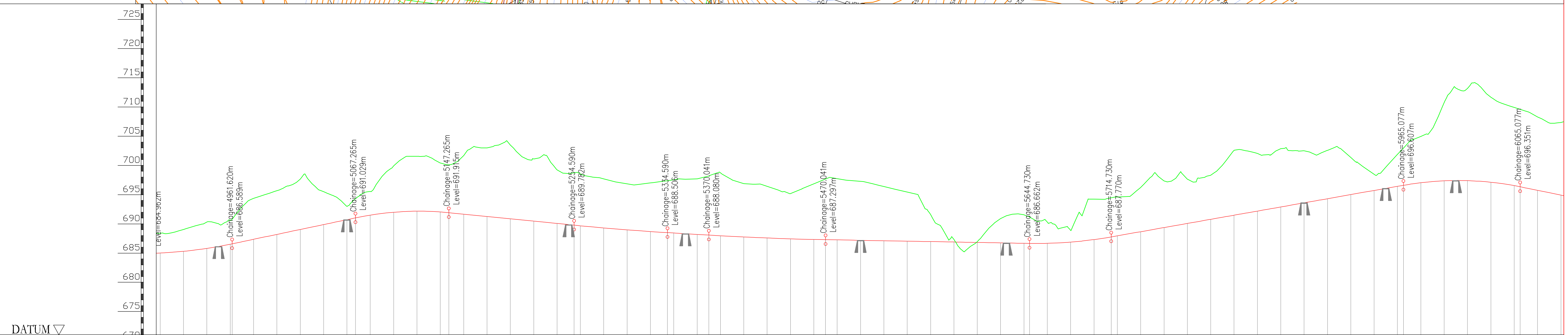
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 4+000 to Km 5+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-159





CHAINAGE	4+900	4+920	4+940	4+960	4+980	5+000	5+020	5+040	5+060	5+080	5+100	5+120	5+140	5+160	5+180	5+200	5+220	5+240	5+260	5+280
FINISHED ROAD LEVEL	685.018	685.305	685.806	686.522	687.362	688.202	689.043	689.883	690.723	691.501	691.990	692.169	692.039	691.662	691.264	690.867	690.469	690.072	689.676	689.309
EXISTING GROUND LEVEL BELOW PROPOSED CL	688.400	689.048	690.327	690.658	694.367	695.677	697.679	695.504	693.023	695.556	699.928	701.556	700.430	701.699	703.021	703.483	701.104	699.249	698.559	697.723

CHAINAGE	5+300	5+320	5+340	5+360	5+380	5+400	5+420	5+440	5+460	5+480	5+500	5+520	5+540	5+560	5+580	5+600	5+620	5+640	5+660	5+680
FINISHED ROAD LEVEL	688.981	688.692	688.441	688.201	687.964	687.758	687.584	687.444	687.338	687.261	687.188	687.116	687.043	686.970	686.898	686.825	686.752	686.679	686.672	686.880
EXISTING GROUND LEVEL BELOW PROPOSED CL	696.851	697.011	697.538	697.713	698.735	696.906	696.425	695.197	696.847	697.756	697.297	696.389	695.457	691.578	687.325	686.956	690.914	691.543	690.313	688.911

CHAINAGE	5+700	5+720	5+740	5+760	5+780	5+800	5+820	5+840	5+860	5+880	5+900	5+920	5+940	5+960	5+980	6+000	6+020	6+040	6+060	6+080	6+100
FINISHED ROAD LEVEL	687.311	687.956	688.662	689.368	690.074	690.780	691.486	692.192	692.898	693.604	694.310	695.016	695.722	696.428	697.049	697.378	697.404	697.126	696.547	695.748	694.940
EXISTING GROUND LEVEL BELOW PROPOSED CL	694.228	694.606	696.247	697.358	697.651	698.344	702.567	702.049	702.873	702.510	702.593	701.359	698.494	701.886	704.973	710.771	713.181	711.659	709.930	708.300	707.357

HORIZONTAL GEOMETRY: L=25.730m, R, L=25.601m, R, R=-50.000m, L=34.864m, R=50.000m, L=94.159m, L=87.327m, R=300.000m, L=66.085m, L=153.794m, R=-60.000m, L=76.474m, L=64.613m, R=50.000m, L=36.860m, R=-50.000m, L=27.788m, L=80.773m, R=70.000m, L=36.067m

VERTICAL GEOMETRY: L=70.000m, G=4.202 L=105.644m, L=80.000m, L=107.325m G=-1.987, L=80.000m, L=35.451m G=-1.202, L=100.000m, L=174.689m G=-0.364, L=70.000m, G=3.530 L=250.347m, L=100.000m

SUPERELEVATION: Q=5.710, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=6.670, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=5.710

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0
DATE	June 2012
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Scale: HOR : 1:2500 VER : 1:500

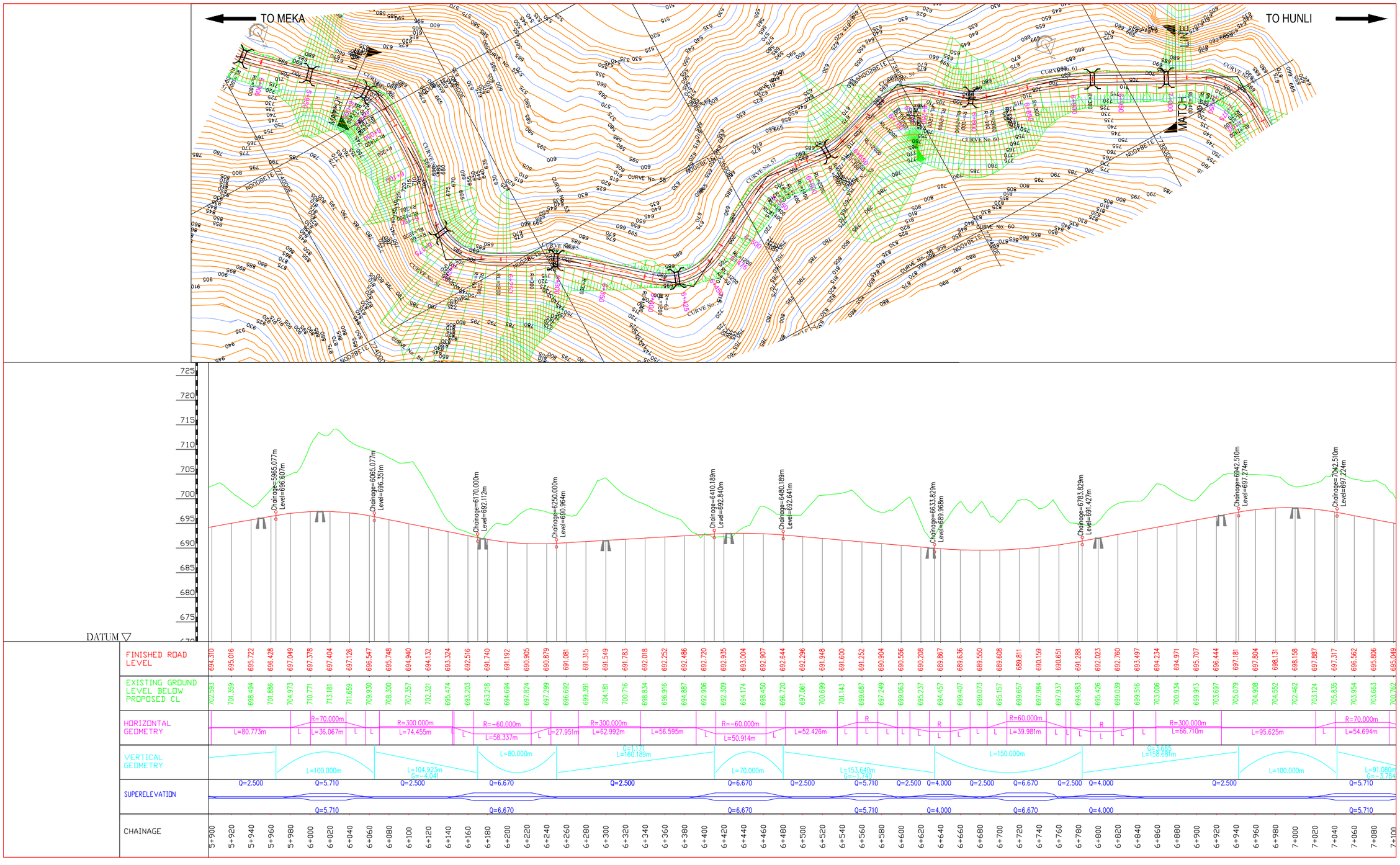
Sheet Size: A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 5+000 to Km 6+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-160



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BORDER ROADS ORGANISATION

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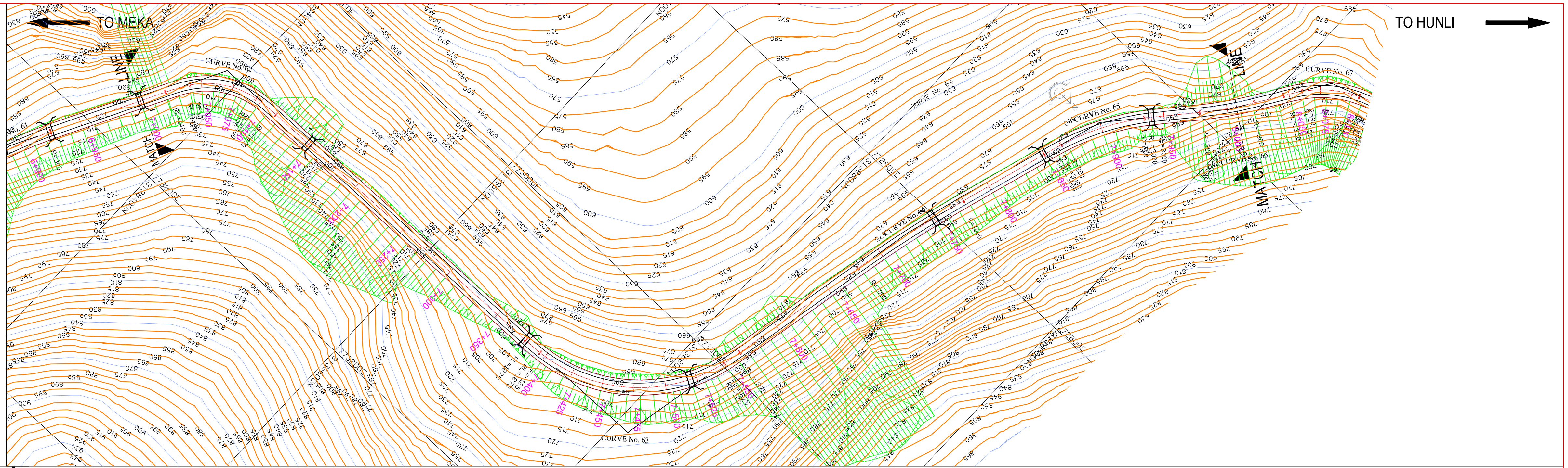
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 6+000 to Km 7+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-161



CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
6+900	695.707	699.913
6+920	696.444	703.697
6+940	697.181	705.079
6+960	697.804	704.908
6+980	698.131	704.552
7+000	698.158	702.462
7+020	697.887	703.124
7+040	697.317	705.835
7+060	696.562	703.954
7+080	695.806	703.663
7+100	695.049	700.762
7+120	694.292	696.677
7+140	693.537	696.812
7+160	692.811	698.715
7+180	692.124	700.970
7+200	691.472	703.519
7+220	690.829	702.707
7+240	690.186	700.585
7+260	689.543	698.384
7+280	688.901	697.877
7+300	688.258	696.369
7+320	687.615	692.624
7+340	686.968	690.497
7+360	686.273	686.297
7+380	685.513	686.302
7+400	684.691	689.410
7+420	683.805	692.636
7+440	682.855	693.257
7+460	681.843	692.354
7+480	680.804	693.890
7+500	679.765	690.856
7+520	678.736	686.549
7+540	677.915	682.690
7+560	677.373	679.844
7+580	677.112	679.330
7+600	677.130	679.749
7+620	677.429	682.121
7+640	677.969	685.191
7+660	678.541	684.873
7+680	679.112	684.405
7+700	679.684	684.632
7+720	680.255	684.916
7+740	680.827	685.736
7+760	681.399	686.748
7+780	681.970	687.192
7+800	682.542	687.378
7+820	683.113	687.435
7+840	683.685	688.065
7+860	684.256	688.802
7+880	684.828	690.167
7+900	685.399	691.016
7+920	685.971	692.397
7+940	686.542	690.127
7+960	687.114	690.359
7+980	687.686	692.305
8+000	688.257	693.992
8+020	688.876	693.953
8+040	689.638	694.767
8+060	690.537	699.525
8+080	691.469	704.014
8+100	692.402	702.391

HORIZONTAL GEOMETRY: 00m 0m; L=95.625m; L; R=70.000m L=54.694m; L; L=264.581m; L; R=-125.000m L=154.340m; L; L=114.143m; R=1000.000m L=98.350m; L=73.561m; L; R=200.000m L=69.215m; L; L=28.615m; R=-300.000m L=43.792m; L; L; R=90.000m L=45.677m

VERTICAL GEOMETRY: L=100.000m; L=91.080m G=-3.784; L=60.000m; L=139.709m G=-3.214; L=125.000m; L=56.177m G=-5.195; L=115.000m; G=2.858 L=374.254m; L=50.000m; G=4. L=98.

SUPERELEVATION: Q=2.500; Q=5.710; Q=5.710; Q=2.500; Q=2.500; Q=3.200; Q=3.200; Q=2.500; Q=4.440; Q=4.440

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Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0			
DATE	June 2012			
DRAWN				
DESIGNED				
CHECKED				
APPROVED				

Scale: HOR : 1:2500 VER : 1:500

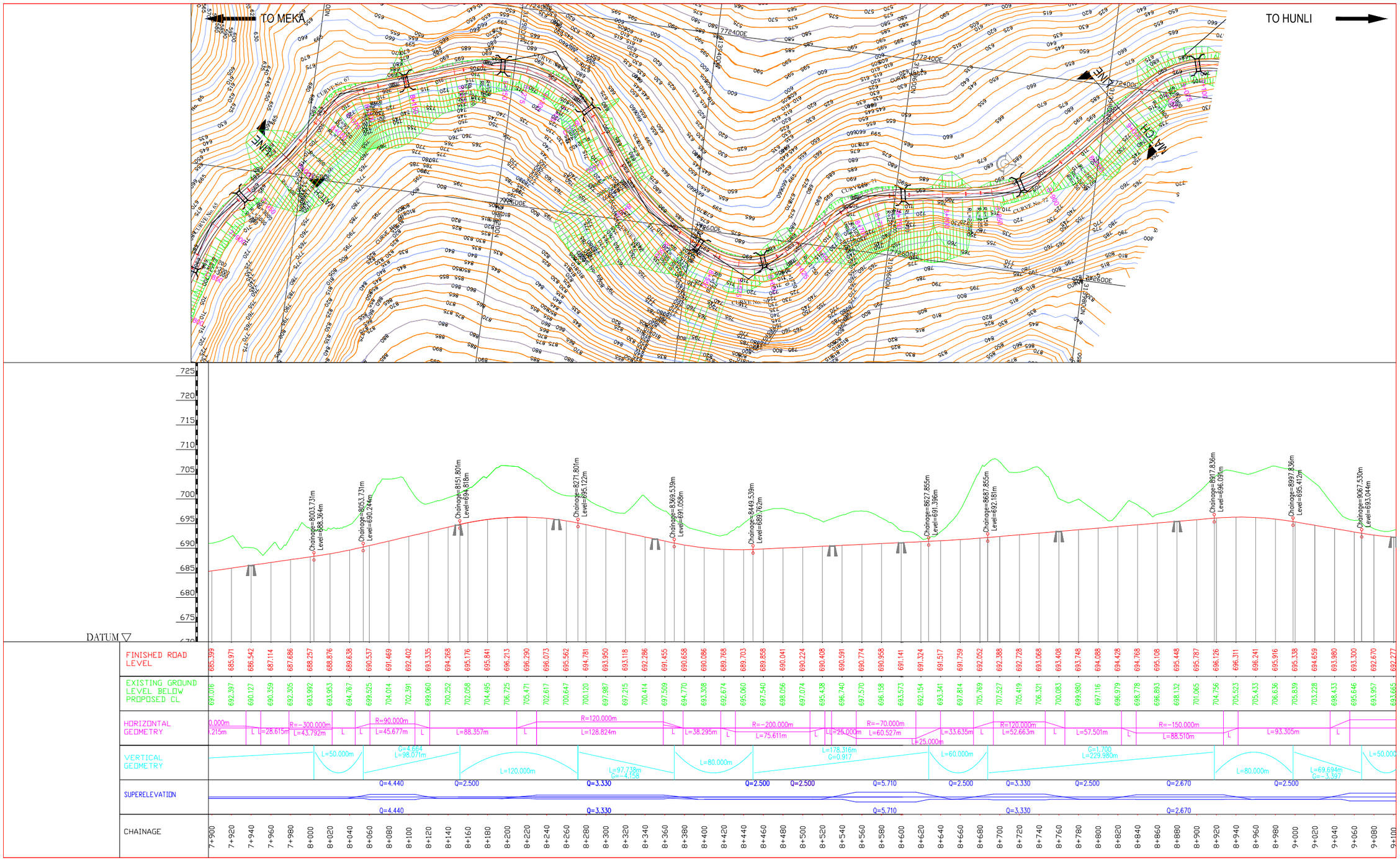
Sheet Size: A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 7+000 to Km 8+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-162



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BORDER ROADS ORGANISATION

XPLORER
in JV with
Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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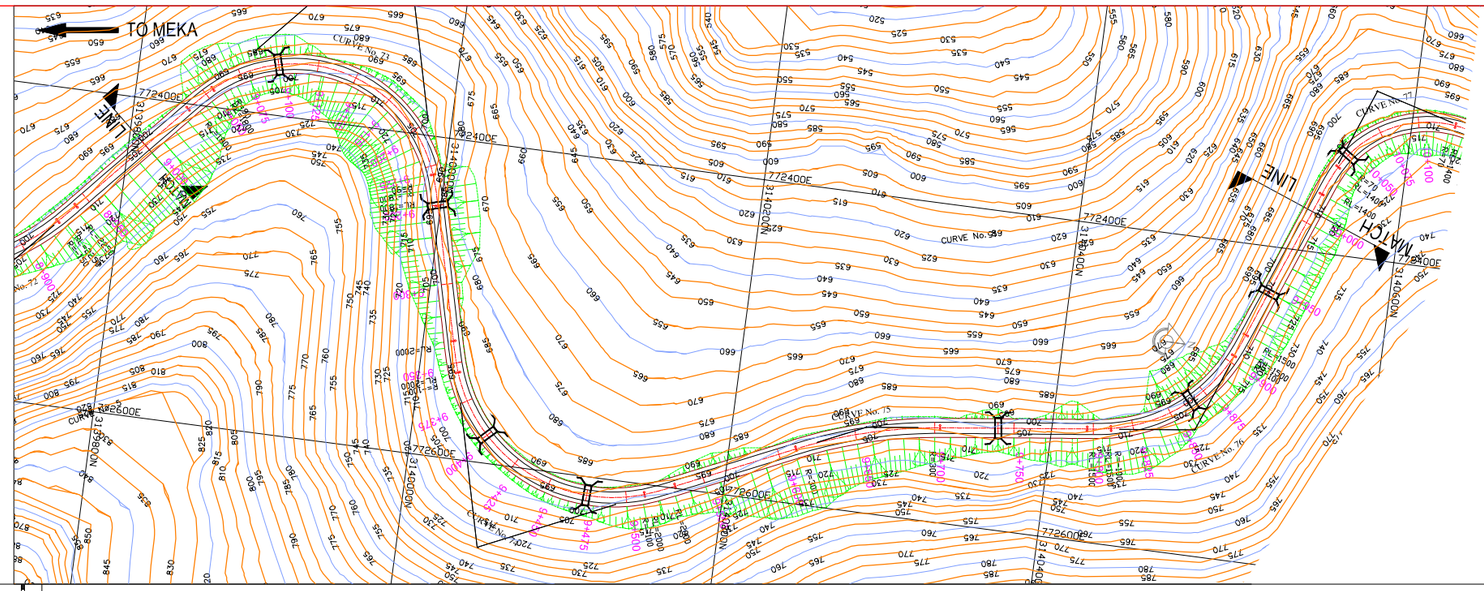
Sheet Size:
A2

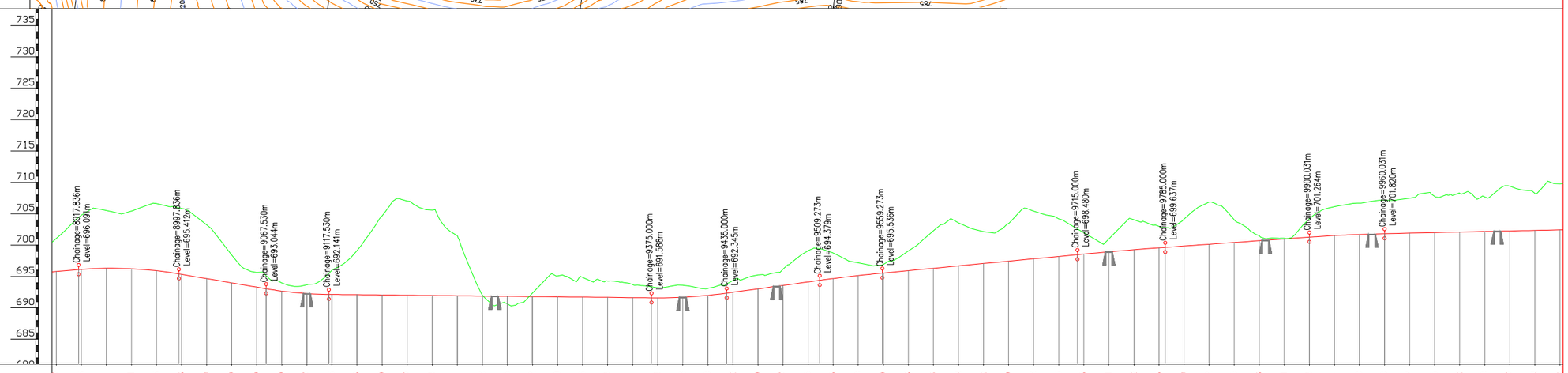
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 8+000 to Km 9+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-163





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BORDER ROADS ORGANISATION

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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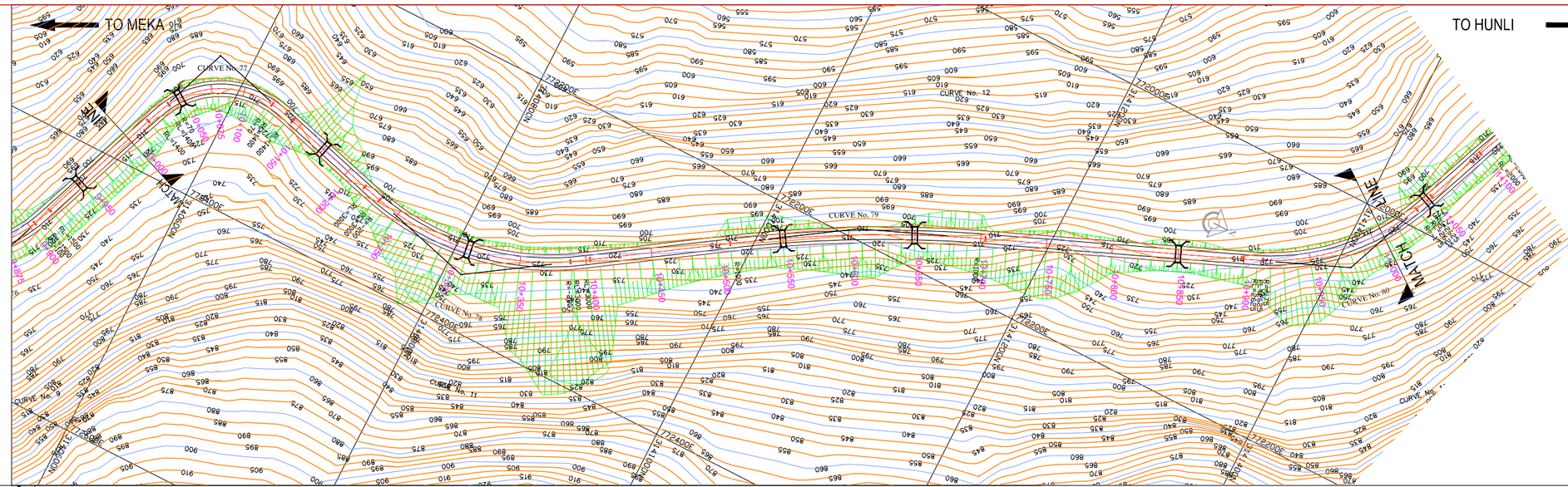
MEKA-ROING-HUNLI ROAD

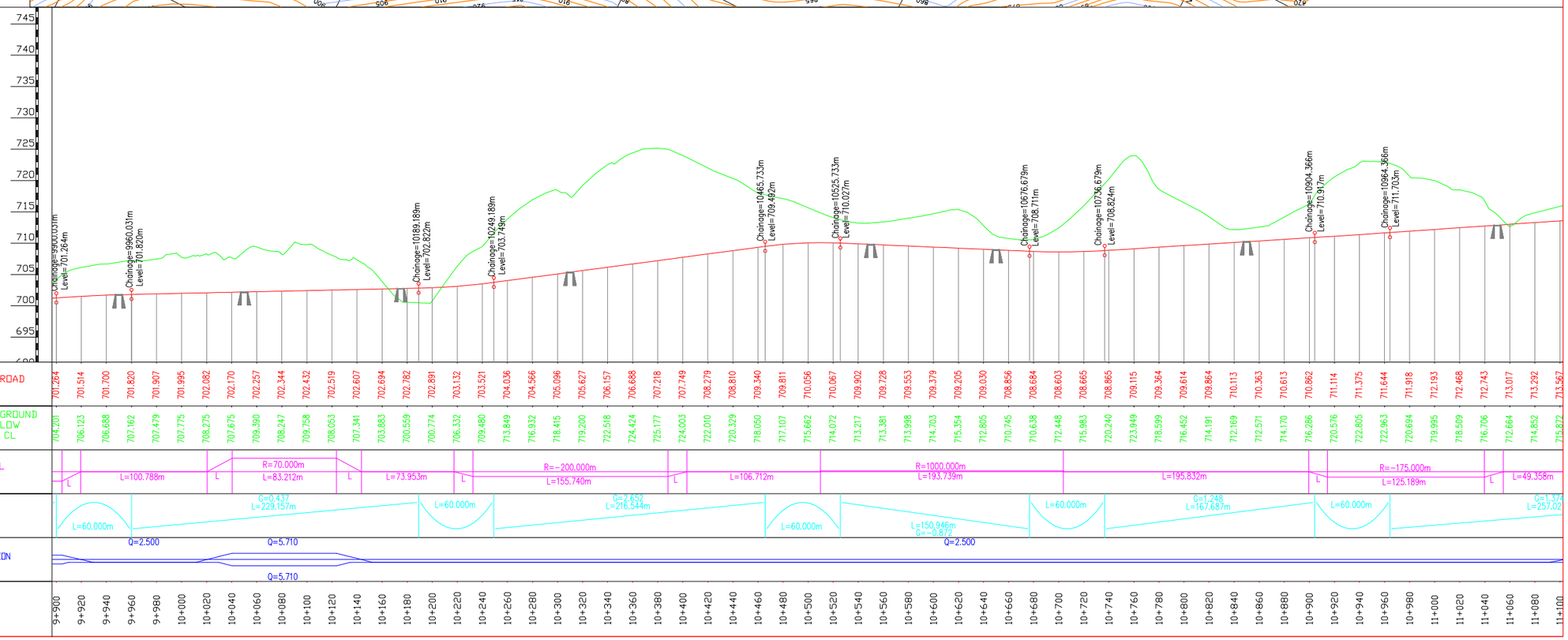
DRAFT DETAILED PROJECT REPORT

Sheet Size: A2

PLAN & PROFILE
(Km 9+000 to Km 10+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-164





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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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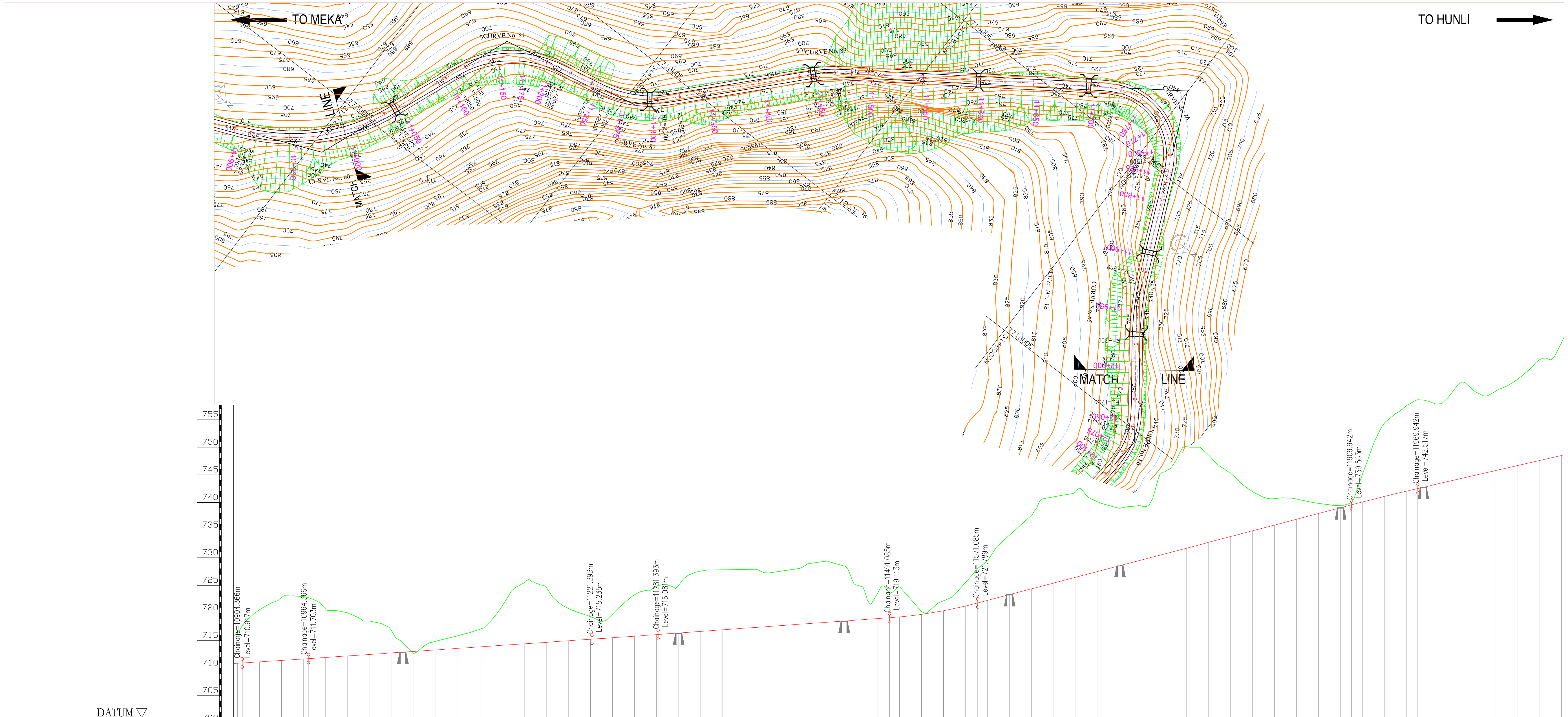
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 10+000 to Km 11+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-165



CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
10+900	710.862	716.286
10+920	711.114	720.576
10+940	711.375	722.805
10+960	711.644	722.963
10+980	711.918	720.694
11+000	712.193	719.995
11+020	712.468	718.509
11+040	712.743	716.706
11+060	713.017	712.664
11+080	713.292	714.852
11+100	713.567	715.872
11+120	713.842	717.035
11+140	714.117	721.209
11+160	714.391	725.441
11+180	714.666	724.599
11+200	714.941	720.789
11+220	715.216	719.307
11+240	715.493	719.760
11+260	715.774	723.287
11+280	716.061	724.808
11+300	716.350	724.997
11+320	716.639	727.579
11+340	716.928	727.781
11+360	717.217	727.859
11+380	717.507	727.248
11+400	717.796	727.752
11+420	718.085	728.980
11+440	718.374	729.026
11+460	718.663	725.109
11+480	718.952	723.417
11+500	719.260	724.677
11+520	719.729	720.240
11+540	720.388	722.175
11+560	721.237	725.499
11+580	722.257	729.417
11+600	723.306	734.090
11+620	724.355	737.689
11+640	725.404	741.015
11+660	726.453	741.952
11+680	727.502	740.095
11+700	728.551	738.957
11+720	729.600	739.301
11+740	730.649	745.469
11+760	731.698	750.079
11+780	732.747	748.629
11+800	733.796	745.353
11+820	734.845	741.968
11+840	735.894	740.681
11+860	736.943	740.596
11+880	737.992	739.819
11+900	739.041	739.454
11+920	740.085	745.205
11+940	741.091	754.427
11+960	742.054	757.549
11+980	742.979	758.293
12+000	743.900	759.644
12+020	744.820	760.398
12+040	745.740	760.076
12+060	746.661	762.223
12+080	747.581	765.797
12+100	748.501	768.846

HORIZONTAL GEOMETRY: L; R=-175.000m L=125.189m; L; L=49.358m; L; R=100.000m L=79.956m; L; L; L; R=-100.000m L=42.596m; L; L=110.139m; L; R L; L; L=219.580m; L=25.000m; R=60.000m L=80.042m; L=25.000m; L=83.286m; R=-300.000m L=65.898m; L=49.889m; L=25.000m; R=70.000m L=24.973m; L=25.0

VERTICAL GEOMETRY: L=60.000m; G=1.374 L=257.027m; L=60.000m; G=1.446 L=209.693m; L=80.000m; G=5.245 L=338.857m; L=60.000m

SUPERELEVATION: Q=4.000; Q=2.500; Q=4.000; Q=2.500; Q=2.670; Q=2.500; Q=6.670; Q=2.500; Q=5.710 / Q=4.000; Q=4.000; Q=2.670; Q=6.670; Q=5.710

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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Saket, New Delhi - 110 017

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VER : 1:500

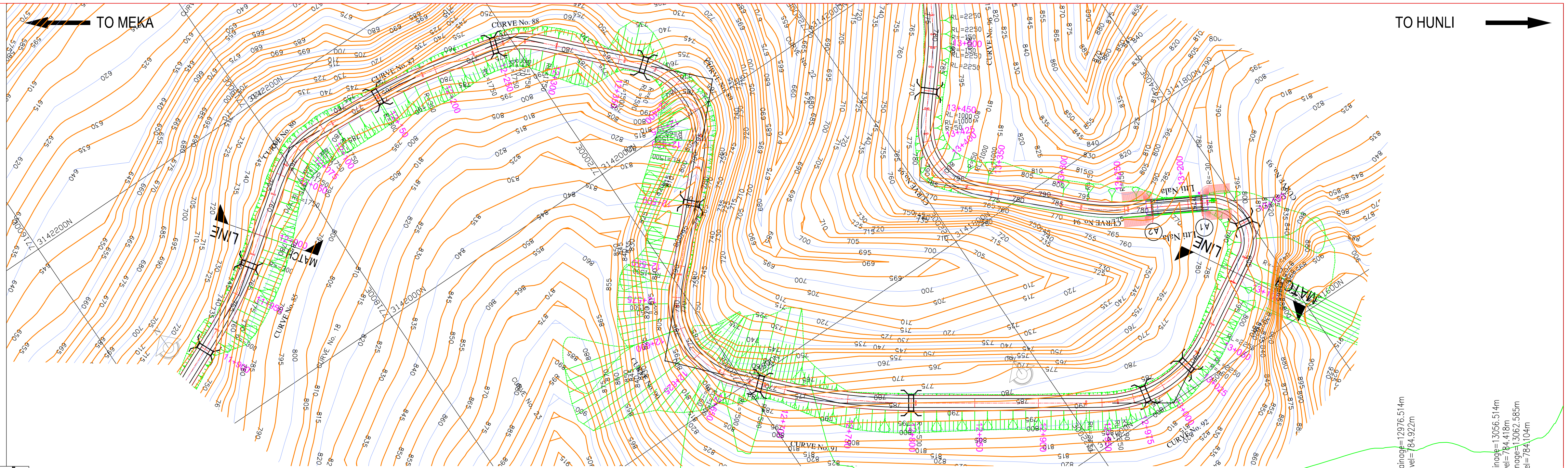
Sheet Size:
A2

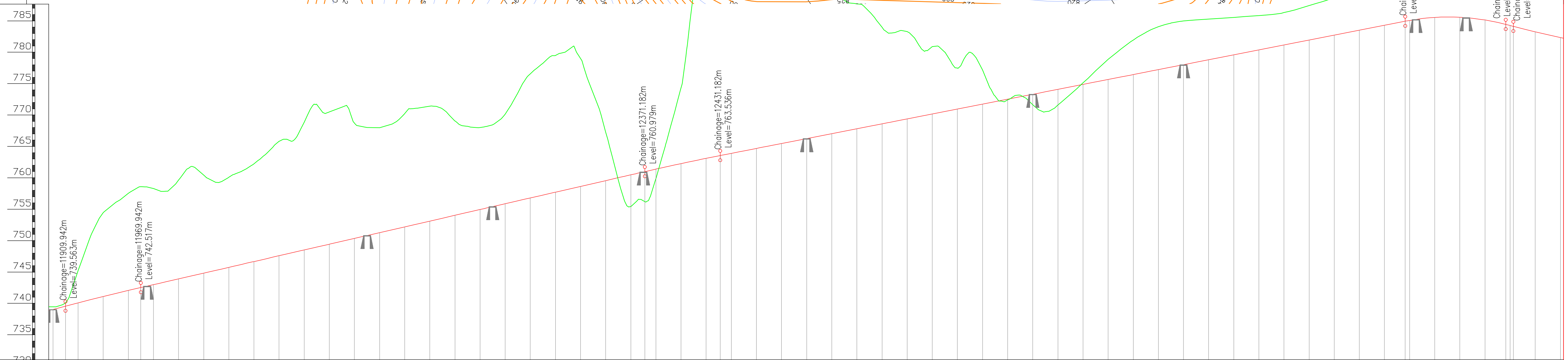
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 11+000 to Km 12+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-166





CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
11+900	739.041	739.454
11+920	740.085	745.205
11+940	741.091	754.427
11+960	742.054	757.549
11+980	742.979	758.293
12+000	743.900	759.644
12+020	744.820	760.398
12+040	745.740	760.076
12+060	746.661	762.223
12+080	747.581	765.797
12+100	748.501	768.846
12+120	749.421	770.489
12+140	750.342	768.704
12+160	751.262	767.966
12+180	752.182	770.226
12+200	753.103	771.400
12+220	754.023	769.036
12+240	754.943	768.005
12+260	755.863	770.141
12+280	756.784	776.546
12+300	757.704	779.486
12+320	758.624	778.993
12+340	759.545	767.284
12+360	760.465	755.442
12+380	761.381	759.885
12+400	762.258	774.296
12+420	763.091	798.350
12+440	763.882	801.619
12+460	764.666	789.685
12+480	765.451	801.314
12+500	766.235	803.630
12+520	767.019	794.043
12+540	767.804	787.696
12+560	768.588	783.957
12+580	769.372	783.283
12+600	770.157	780.867
12+620	770.941	777.477
12+640	771.725	777.166
12+660	772.510	772.399
12+680	773.294	771.634
12+700	774.078	771.589
12+720	774.862	775.123
12+740	775.647	778.846
12+760	776.431	781.941
12+780	777.215	784.042
12+800	778.000	784.967
12+820	778.784	785.260
12+840	779.568	785.543
12+860	780.353	785.826
12+880	781.137	786.301
12+900	781.921	787.419
12+920	782.706	788.634
12+940	783.490	789.849
12+960	784.274	790.508
12+980	785.052	790.350
13+000	785.529	791.163
13+020	785.551	791.003
13+040	785.119	789.935
13+060	784.238	790.501
13+080	783.238	791.890
13+100	782.331	796.043

HORIZONTAL GEOMETRY: R=−300.000m L=65.898m; L=49.889m; L=25.000m; R=70.000m L=24.973m; L=25.000m; L=41.305m; R=300.000m L=39.111m; L=43.270m; L=25.000m; R L; L=25.000m; L=54.989m; L=25.000m; R=60.000m L=66.710m; L=25.000m; L=85.380m; L=25.000m; R=−60.000m L=64.954m; L=25.000m L; R=−500.000m L=119.797m; L=133.930m; L=25.000m; R=−90.000m L=75.500m; L=25.000m; L=58.4

VERTICAL GEOMETRY: L=60.000m; G=4.601 L=401.240m; L=60.000m; G=3.922 L=545.332m; L=80.000m; L G; L=50.000m; L= G

SUPERELEVATION: Q=2.500; Q=5.710 / Q=5.710; Q=2.500; Q=5.710 / Q=5.710; Q=2.500; Q=6.670 / Q=6.670; Q=2.500; Q=6.670 / Q=6.670; Q=2.500; Q=4.440 / Q=4.440; Q=2.5

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0				
DATE	June 2012				
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Scale: HOR : 1:2500 VER : 1:500

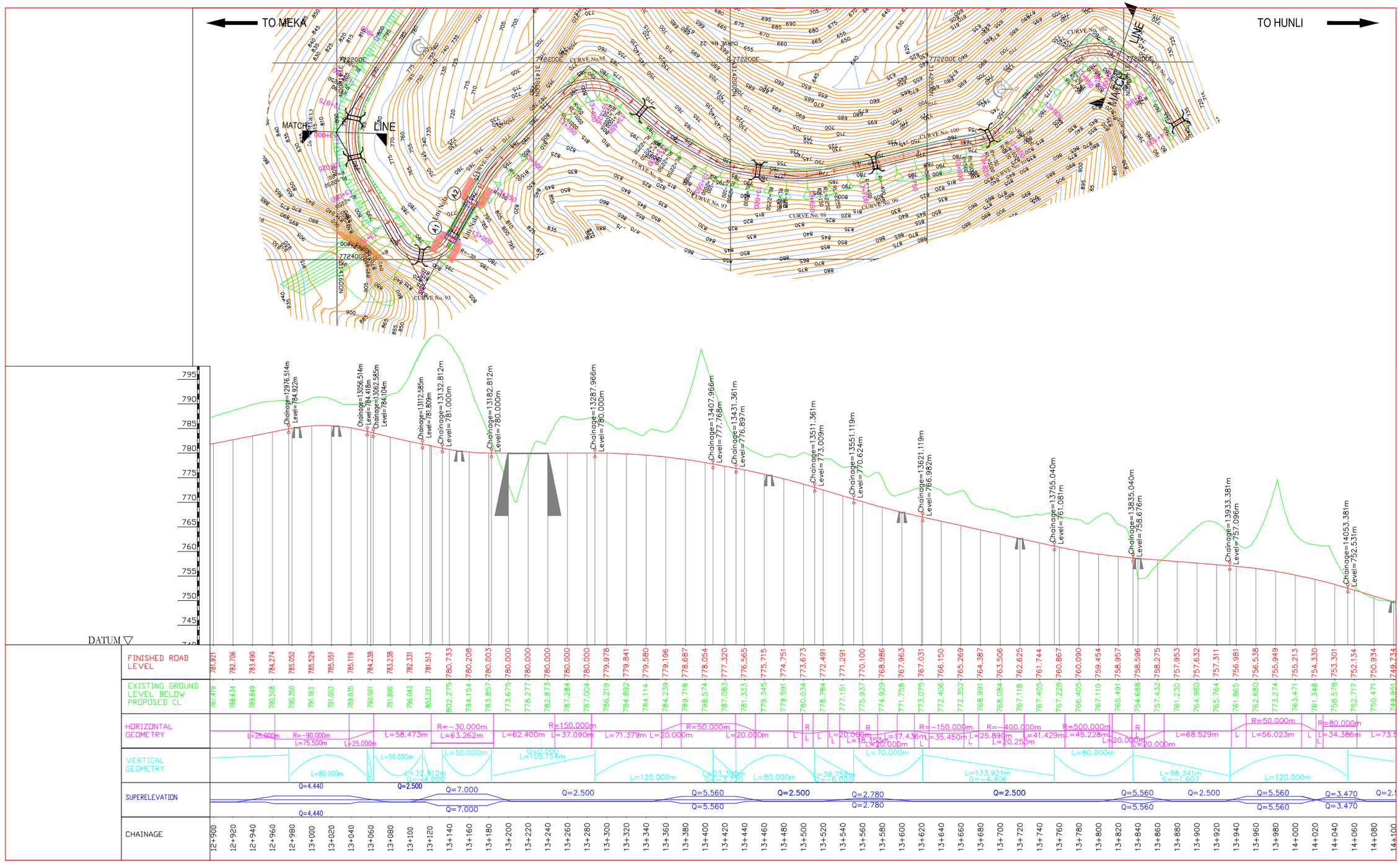
Sheet Size: A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 12+000 to Km 13+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-167



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BORDER ROADS ORGANISATION

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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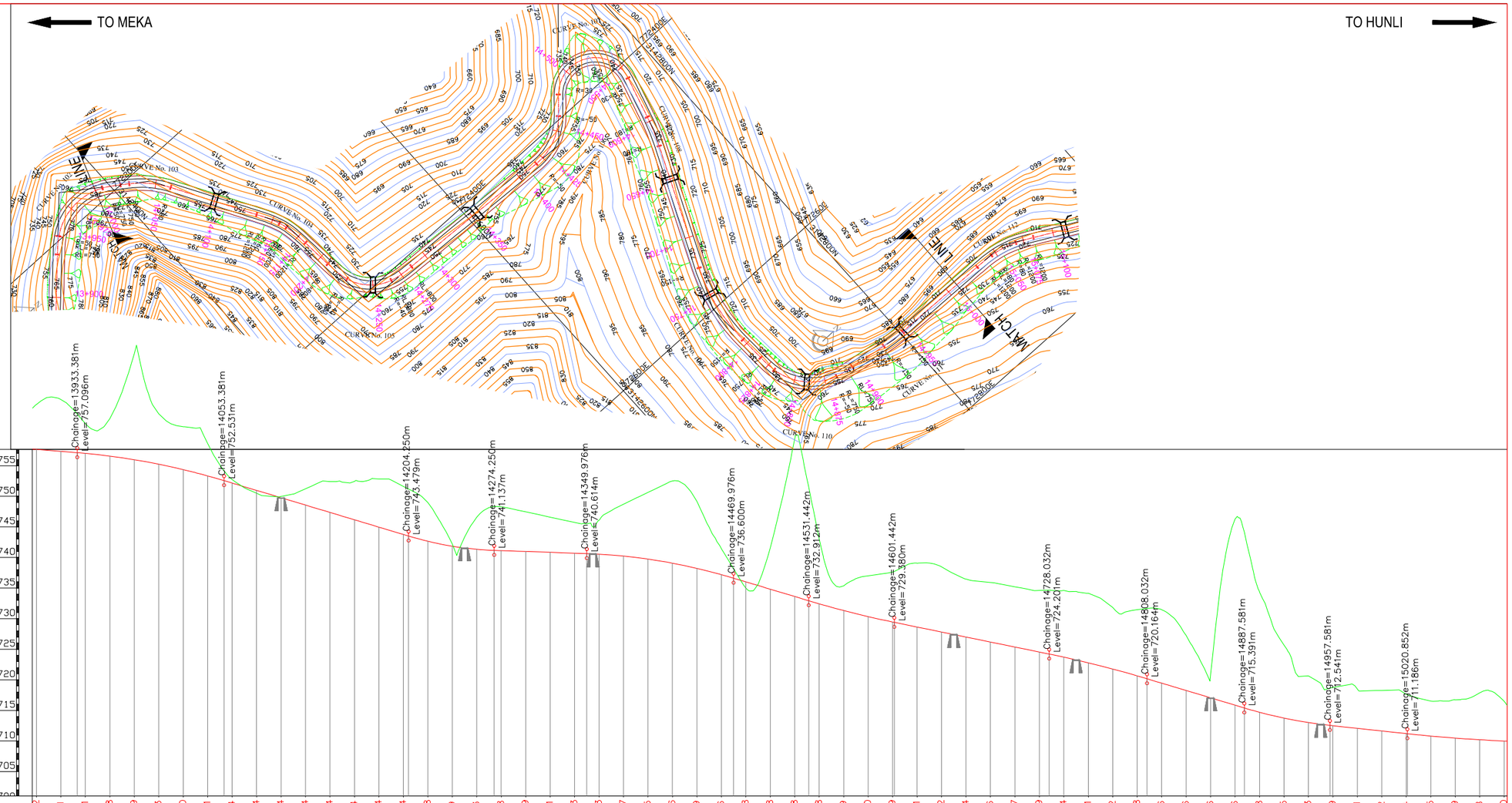
Sheet Size: A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 13+000 to Km 14+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-168



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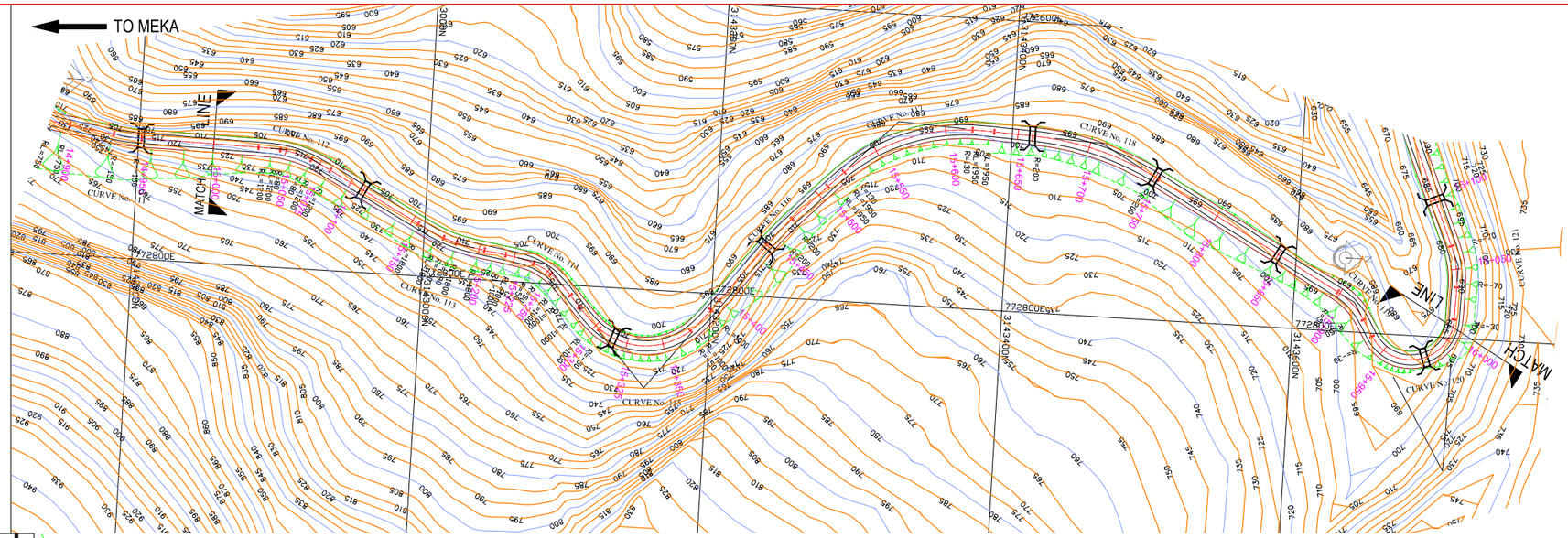
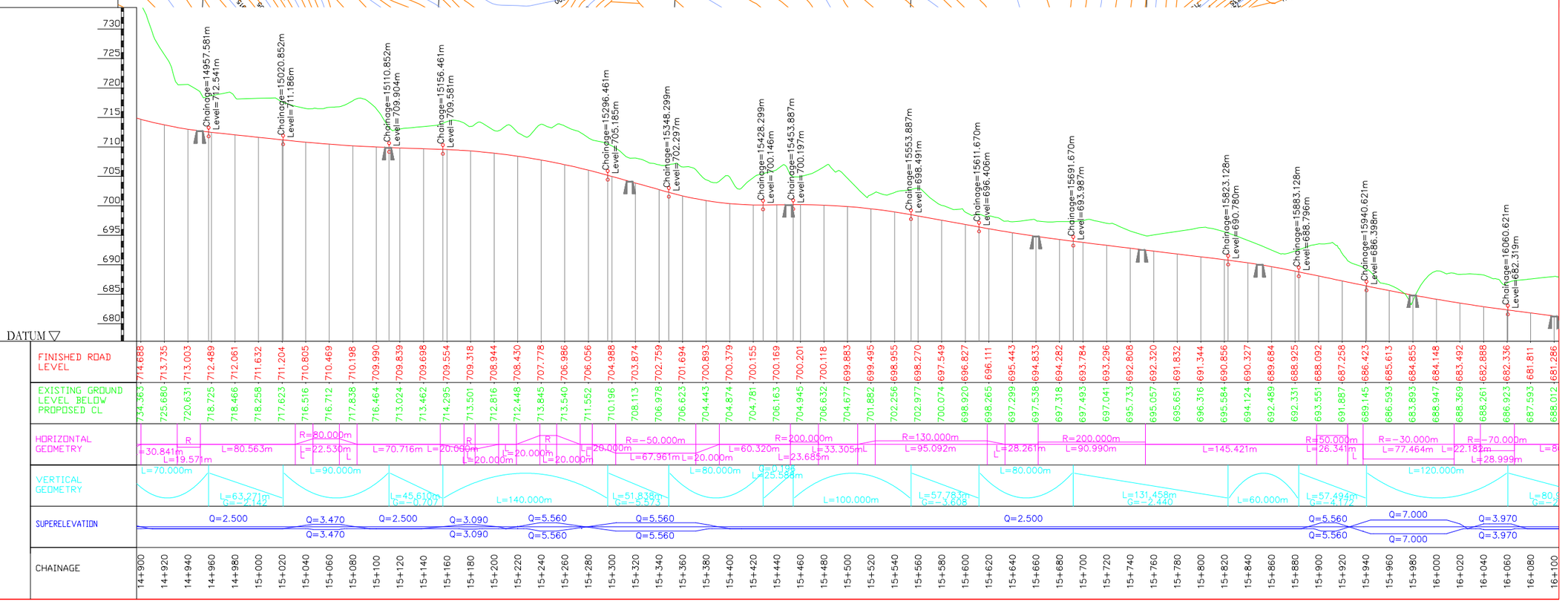
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 14+000 to Km 15+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-169





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MEKA-ROING-HUNLI ROAD

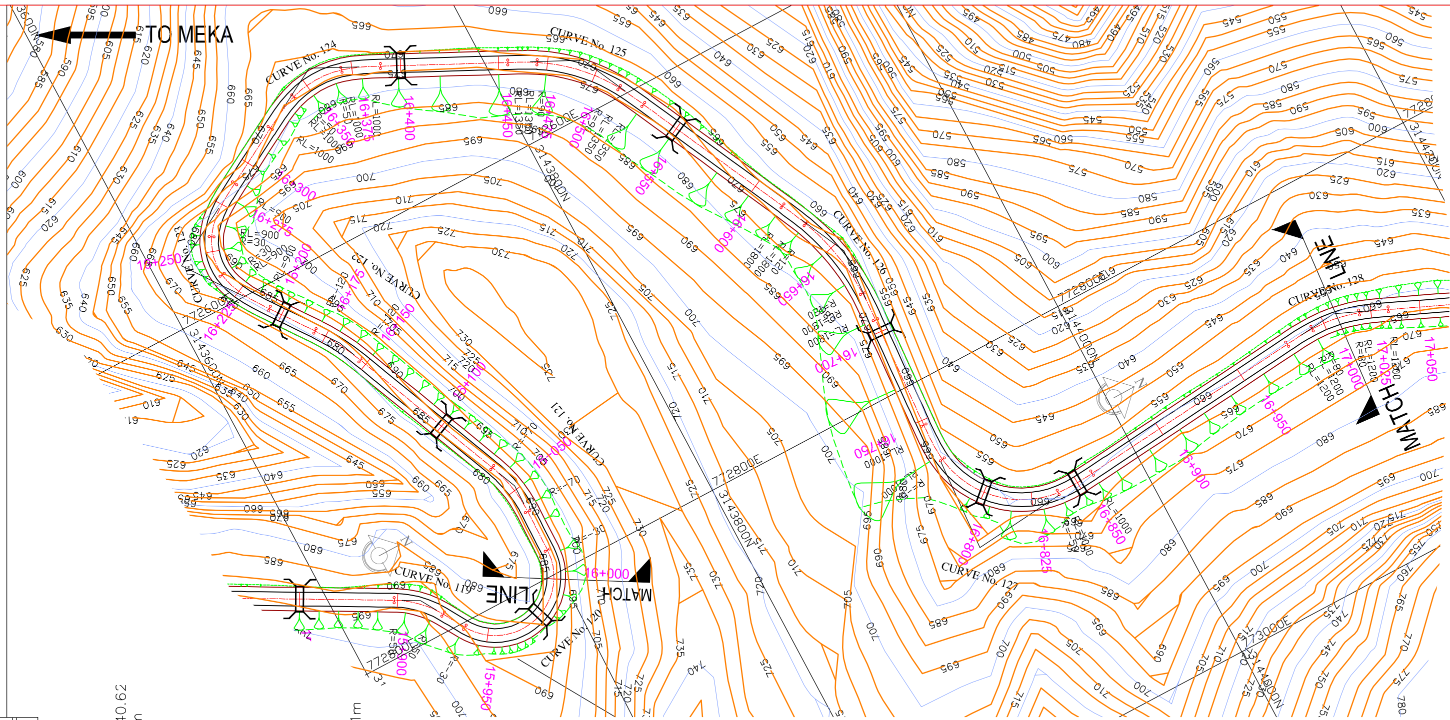
DRAFT DETAILED PROJECT REPORT

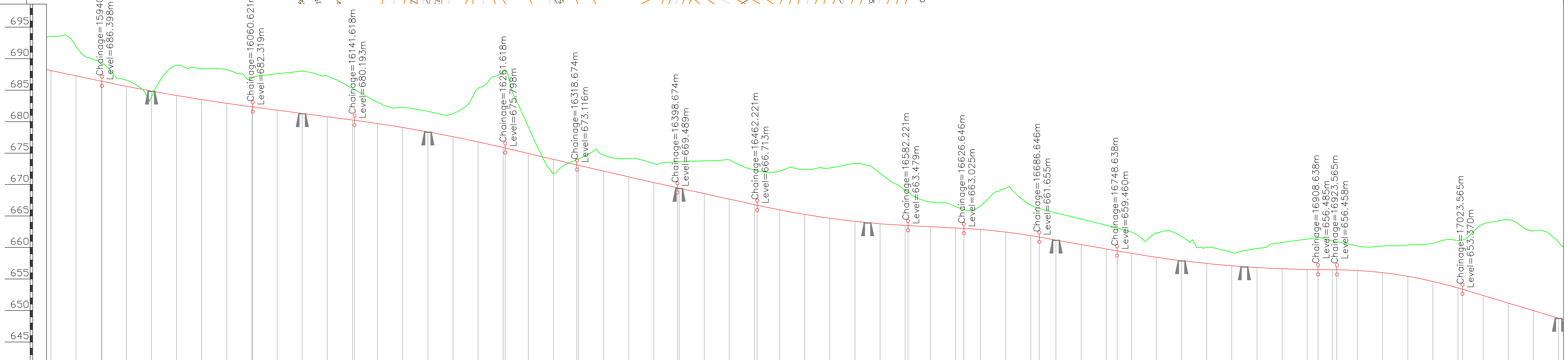
PLAN & PROFILE
(Km 15+000 to Km 16+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-170

TO MEKA

TO HUNLI





CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
15+900	688.092	693.551
15+920	687.258	691.887
15+940	686.423	689.145
15+960	685.613	686.593
15+980	684.855	683.893
16+000	684.148	688.947
16+020	683.492	688.369
16+040	682.888	688.261
16+060	682.336	686.923
16+080	681.811	687.593
16+100	681.286	688.012
16+120	680.761	687.225
16+140	680.236	685.255
16+160	679.681	683.064
16+180	679.058	682.252
16+200	678.366	681.623
16+220	677.604	681.207
16+240	676.774	685.232
16+260	675.874	687.910
16+280	674.934	679.117
16+300	673.994	671.845
16+320	673.054	674.091
16+340	672.123	674.664
16+360	671.209	674.092
16+380	670.312	673.319
16+400	669.431	673.603
16+420	668.557	673.771
16+440	667.684	673.893
16+460	666.810	672.289
16+480	665.981	672.121
16+500	665.262	672.362
16+520	664.655	672.626
16+540	664.159	673.343
16+560	663.775	671.806
16+580	663.502	669.104
16+600	663.297	667.240
16+620	663.093	666.501
16+640	662.851	666.605
16+660	662.450	669.431
16+680	661.881	666.711
16+700	661.182	665.496
16+720	660.474	664.508
16+740	659.766	663.518
16+760	659.071	662.461
16+780	658.452	662.359
16+800	657.918	661.742
16+820	657.468	660.054
16+840	657.101	659.254
16+860	656.819	659.822
16+880	656.622	660.800
16+900	656.508	661.346
16+920	656.465	661.077
16+940	656.351	660.230
16+960	656.007	660.245
16+980	655.431	660.397
17+000	654.622	660.647
17+020	653.580	661.100
17+040	652.384	663.732
17+060	651.184	664.415
17+080	649.984	662.665
17+100	648.784	660.865

HORIZONTAL GEOMETRY
=50.000m =26.341m L | R=−30.000m L=77.464m | L=22.182m | R=−70.000m L=28.999m | L=86.977m | R=−120.000m L=27.604m L=25.991m | L=30.000m R=30.000m L=20.690m L=30.000m | L=33.694m | L=20.000m R=50.000m L=28.412m L=20.000m | L=65.159m | L R=90.000m L=44.385m L | L=87.979m | L R=120.000m L=46.186m L | L=59.294m | L=20.000m R=−50.000m L=66.268m L=20.000m | L=119.526m | L R=80.000m L=25.531m L | L=61.900m

VERTICAL GEOMETRY
=57.494m =−4.172 | L=120.000m | L=80.997m G=−2.625 | L=120.000m | L=57.056m G=−4.700 | L=80.000m | L=63.547m G=−4.368 | L=120.000m | L=160.000m | L G | L=100.000m

SUPERELEVATION
=5.560 =5.560 | Q=7.000 Q=7.000 | Q=3.970 Q=3.970 | Q=2.500 | Q=7.000 Q=7.000 | Q=2.500 | Q=5.560 Q=5.560 | Q=2.500 | Q=3.090 Q=3.090 | Q=2.500 | Q=5.560 Q=5.560 | Q=2.500 | Q=3.470 Q=3.470 | Q=2.500

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BORDER ROADS ORGANISATION

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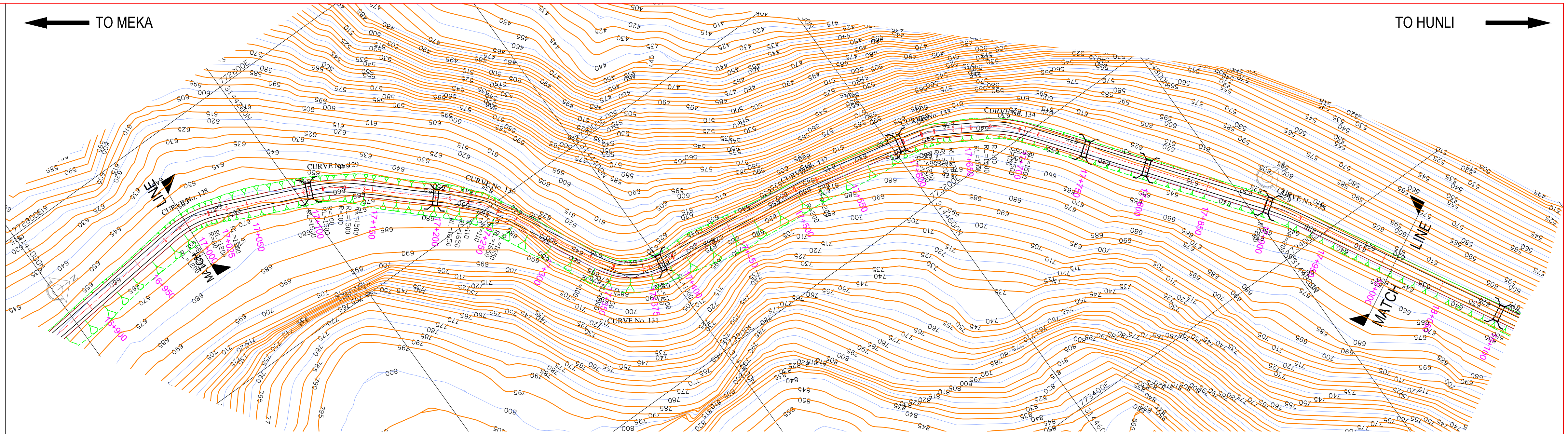
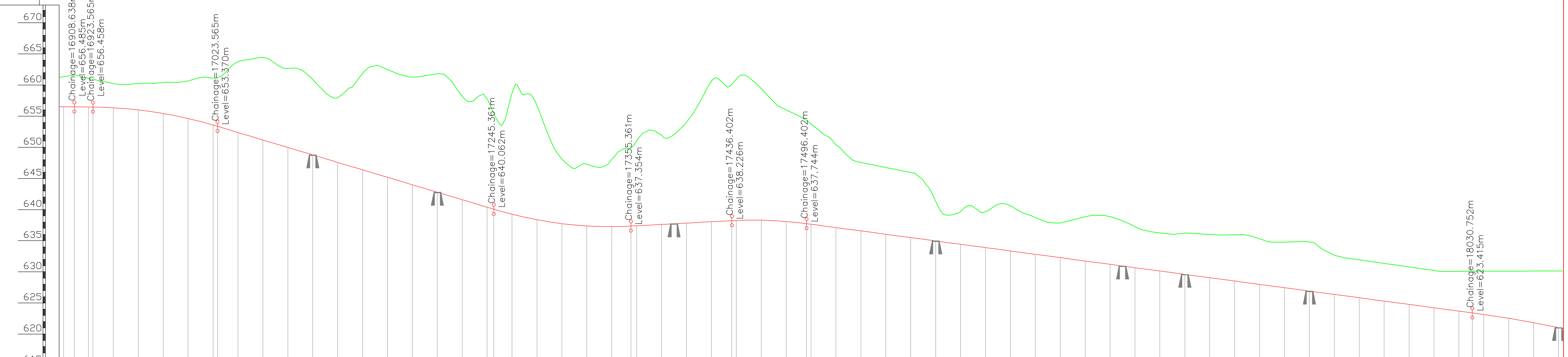
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 16+000 to Km 17+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-171





CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
16+900	656.508	661.346
16+920	656.465	661.077
16+940	656.351	660.230
16+960	656.007	660.245
16+980	655.431	660.397
17+000	654.622	660.647
17+020	653.580	661.100
17+040	652.384	663.732
17+060	651.184	664.415
17+080	649.984	662.665
17+100	648.784	660.865
17+120	647.584	657.971
17+140	646.384	661.828
17+160	645.184	662.497
17+180	643.984	661.285
17+200	642.784	661.789
17+220	641.584	658.183
17+240	640.384	657.738
17+260	639.253	658.686
17+280	638.370	656.687
17+300	637.744	648.100
17+320	637.376	647.261
17+340	637.264	648.057
17+360	637.404	651.090
17+380	637.619	651.948
17+400	637.834	654.028
17+420	638.049	660.619
17+440	638.260	660.959
17+460	638.305	659.421
17+480	638.099	656.020
17+500	637.647	653.746
17+520	637.111	650.391
17+540	636.575	647.567
17+560	636.038	646.762
17+580	635.502	645.956
17+600	634.966	641.341
17+620	634.430	639.704
17+640	633.893	639.663
17+660	633.357	640.615
17+680	632.821	638.698
17+700	632.284	637.857
17+720	631.748	638.849
17+740	631.212	638.866
17+760	630.675	637.268
17+780	630.139	636.259
17+800	629.603	636.236
17+820	629.066	636.011
17+840	628.530	635.965
17+860	627.994	635.304
17+880	627.458	634.784
17+900	626.921	634.782
17+920	626.385	632.661
17+940	625.849	631.931
17+960	625.312	631.363
17+980	624.776	630.796
18+000	624.240	630.228
18+020	623.703	630.093
18+040	623.158	630.105
18+060	622.541	630.117
18+080	621.841	630.129
18+100	621.057	630.140

HORIZONTAL GEOMETRY

L=119.526m; R=80.000m L=25.531m; L=61.900m; R L=17.895m; L=67.535m; R=110.000m L=24.685m; L=65.608m; L=20.000m R=-50.000m L=28.814m L=20.000m; L=109.312m; R=200.000m L=18.713m; L=74.715m; R; R=100.000m L=23.820m; L=186.723m; R=200.000m L=29.548m; L=220.359m

VERTICAL GEOMETRY

L G; L=100.000m; L=221.797m G=-6.000; L=110.000m; G=1.076 L=81.040m; L=60.000m; L=534.350m G=-2.682; L=150

SUPERELEVATION

Q=2.500; Q=3.470 / Q=3.470; Q=2.500; Q=2.780 / Q=2.780; Q=2.500; Q=2.530 / Q=2.530; Q=2.500; Q=5.560 / Q=5.560; Q=2.500; Q=3.470 / Q=3.470; Q=2.780 / Q=2.780; Q=2.500

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0				
DATE	June 2012				
DRAWN					
DESIGNED					
CHECKED					
APPROVED					

Scale: HOR : 1:2500 VER : 1:500

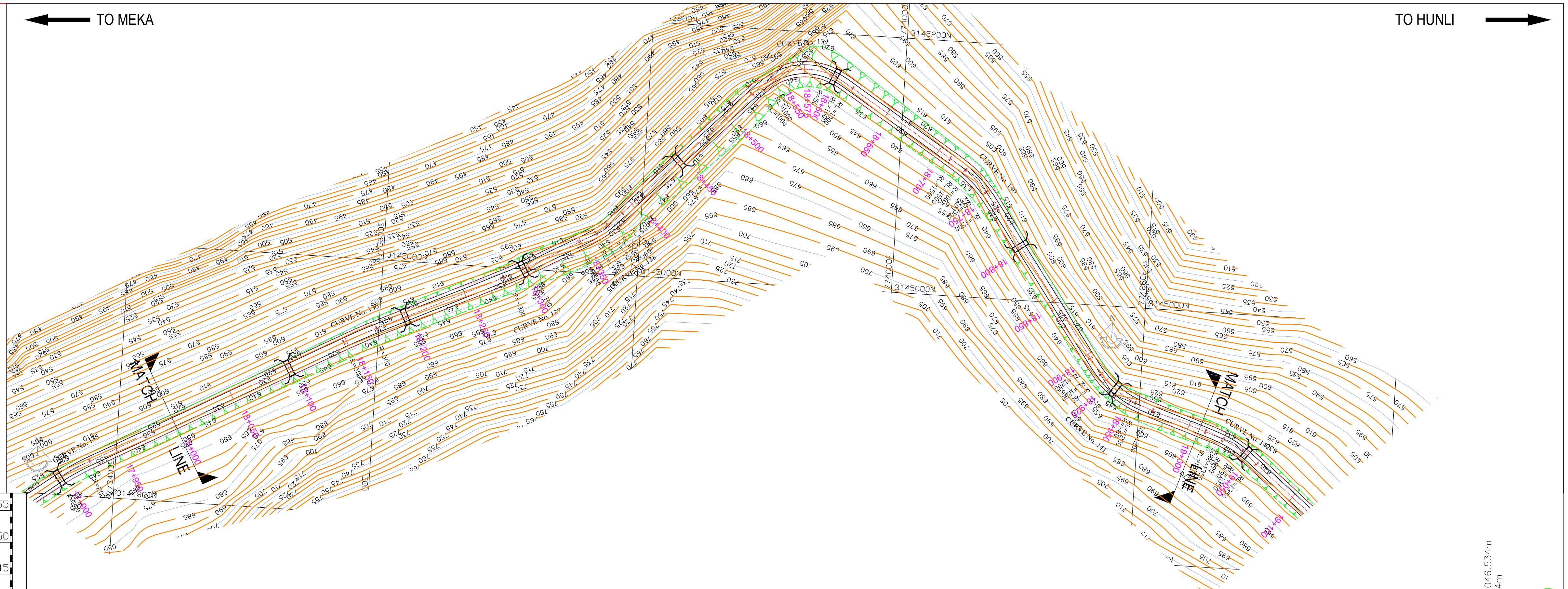
Sheet Size: A2

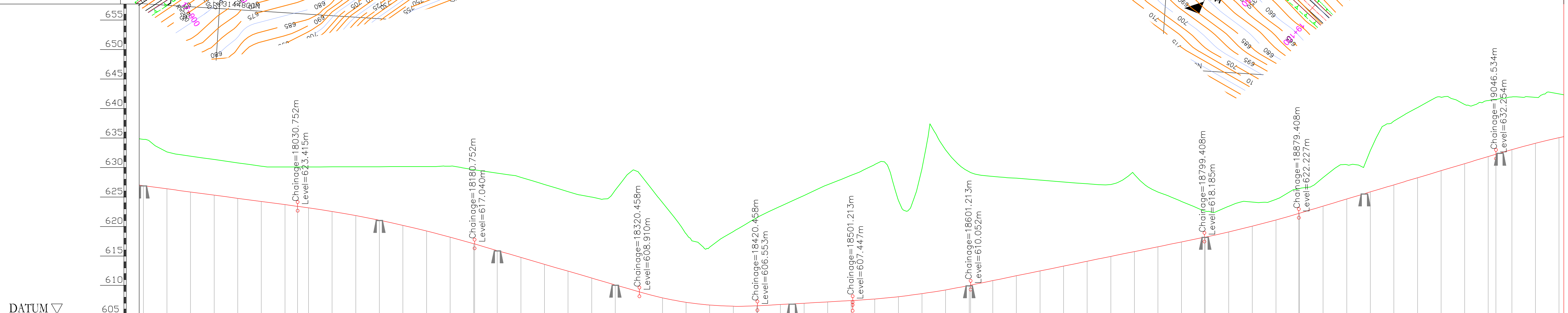
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 17+000 to Km 18+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-172





CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
17+900	626.921	634.782
17+920	626.385	632.661
17+940	625.849	631.931
17+960	625.312	631.363
17+980	624.776	630.796
18+000	624.240	630.228
18+020	623.703	630.093
18+040	623.158	630.105
18+060	622.541	630.117
18+080	621.841	630.129
18+100	621.057	630.140
18+120	620.189	630.152
18+140	619.237	630.164
18+160	618.202	630.214
18+180	617.083	629.643
18+200	615.919	629.060
18+220	614.756	628.339
18+240	613.592	627.128
18+260	612.428	625.903
18+280	611.264	624.988
18+300	610.100	626.186
18+320	608.936	629.126
18+340	607.905	624.040
18+360	607.150	618.774
18+380	606.672	616.505
18+400	606.472	619.156
18+420	606.548	621.501
18+440	606.769	623.430
18+460	606.991	625.267
18+480	607.212	627.083
18+500	607.433	628.678
18+520	607.708	630.509
18+540	608.101	624.413
18+560	608.615	629.787
18+580	609.249	632.998
18+600	610.002	629.265
18+620	610.823	628.498
18+640	611.644	628.192
18+660	612.464	627.874
18+680	613.285	627.555
18+700	614.106	627.237
18+720	614.926	627.120
18+740	615.747	628.825
18+760	616.568	625.848
18+780	617.389	624.253
18+800	618.209	622.614
18+820	619.080	623.433
18+840	620.046	624.144
18+860	621.107	624.615
18+880	622.262	626.440
18+900	623.462	628.287
18+920	624.662	630.502
18+940	625.862	632.868
18+960	627.062	637.876
18+980	628.262	640.173
19+000	629.462	641.918
19+020	630.662	640.693
19+040	631.862	641.342
19+060	633.037	641.969
19+080	634.105	641.894
19+100	635.060	642.475

HORIZONTAL GEOMETRY: R=200.000m L=29.548m; L=220.359m; R=500.000m L=28.160m; R=−300.000m L=20.955m; L=44.544m; L R L; L=138.377m; L=20.000m; R=50.000m L=48.241m; L=20.000m; L=94.604m; R=100.000m L=23.762m; L=139.093m; R=−80.000m L=35.361m; L=44.605m; R=90.000m L=17.916m; L=63.47

VERTICAL GEOMETRY: L=150.000m; L=139.706m G=−5.819; L=100.000m; G=1.106 L=80.755m; L=100.000m; G=4.104 L=198.195m; L=80.000m; G=6.000 L=167.126m; L=

SUPERELEVATION: Q=2.500; Q=3.090 / Q=3.090; Q=2.500; Q=5.560 / Q=5.560; Q=2.500; Q=2.780 / Q=2.780; Q=2.500; Q=3.470 / Q=3.470; Q=2.500; Q=3.090 / Q=3.090

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0				
DATE	June 2012				
DRAWN					
DESIGNED					
CHECKED					
APPROVED					

Scale:
HOR : 1:2500
VER : 1:500

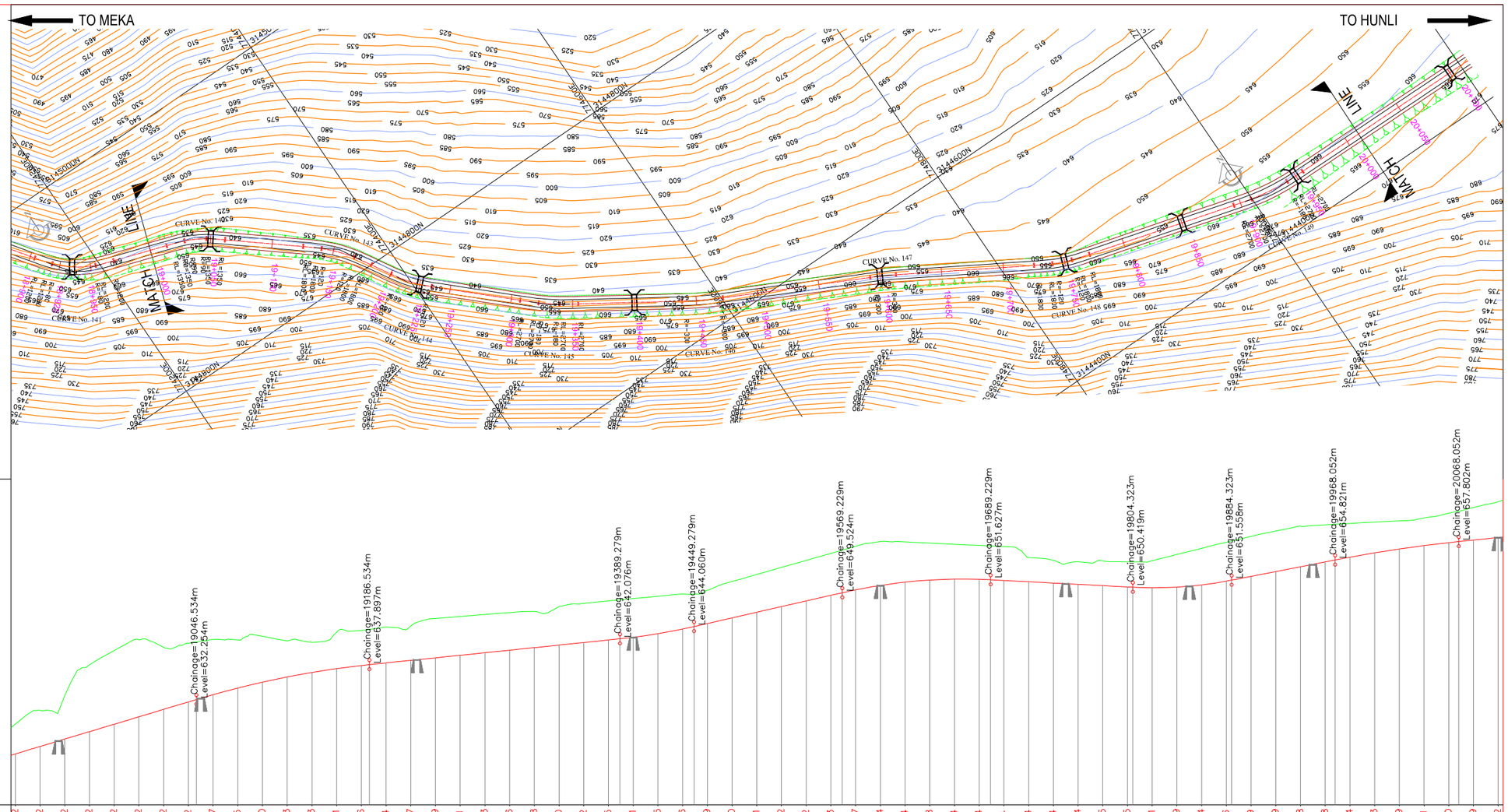
Sheet Size: A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 18+000 to Km 19+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-173



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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0				
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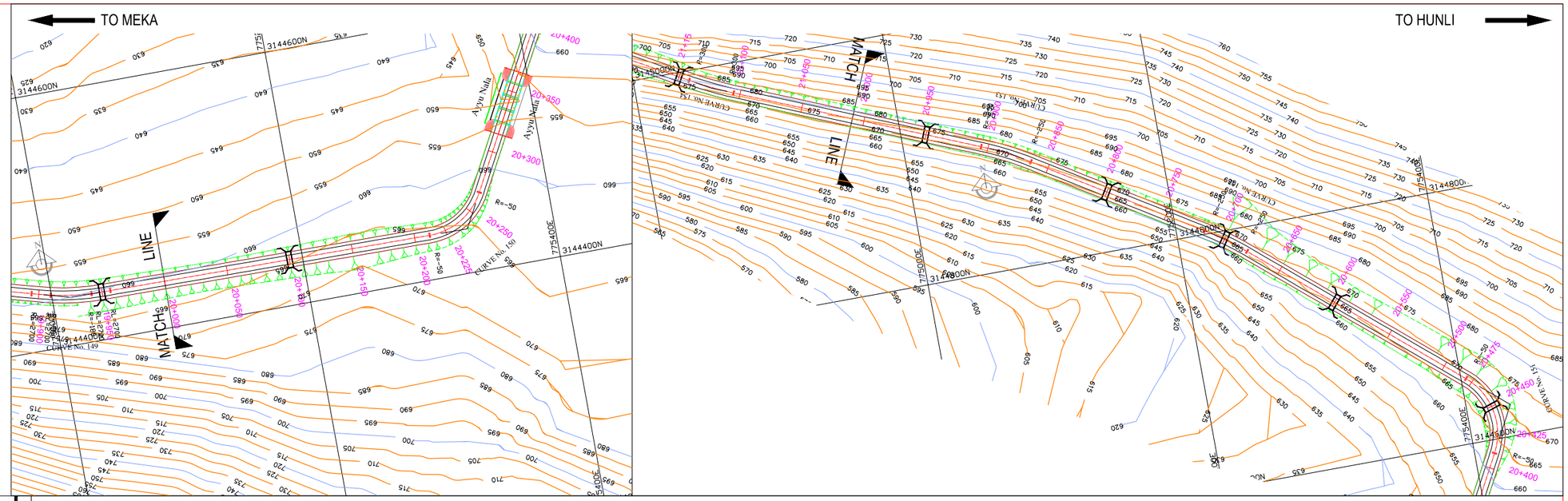
Sheet Size: A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 19+000 to Km 20+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-174



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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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APPROVED					

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HOR : 1:2500
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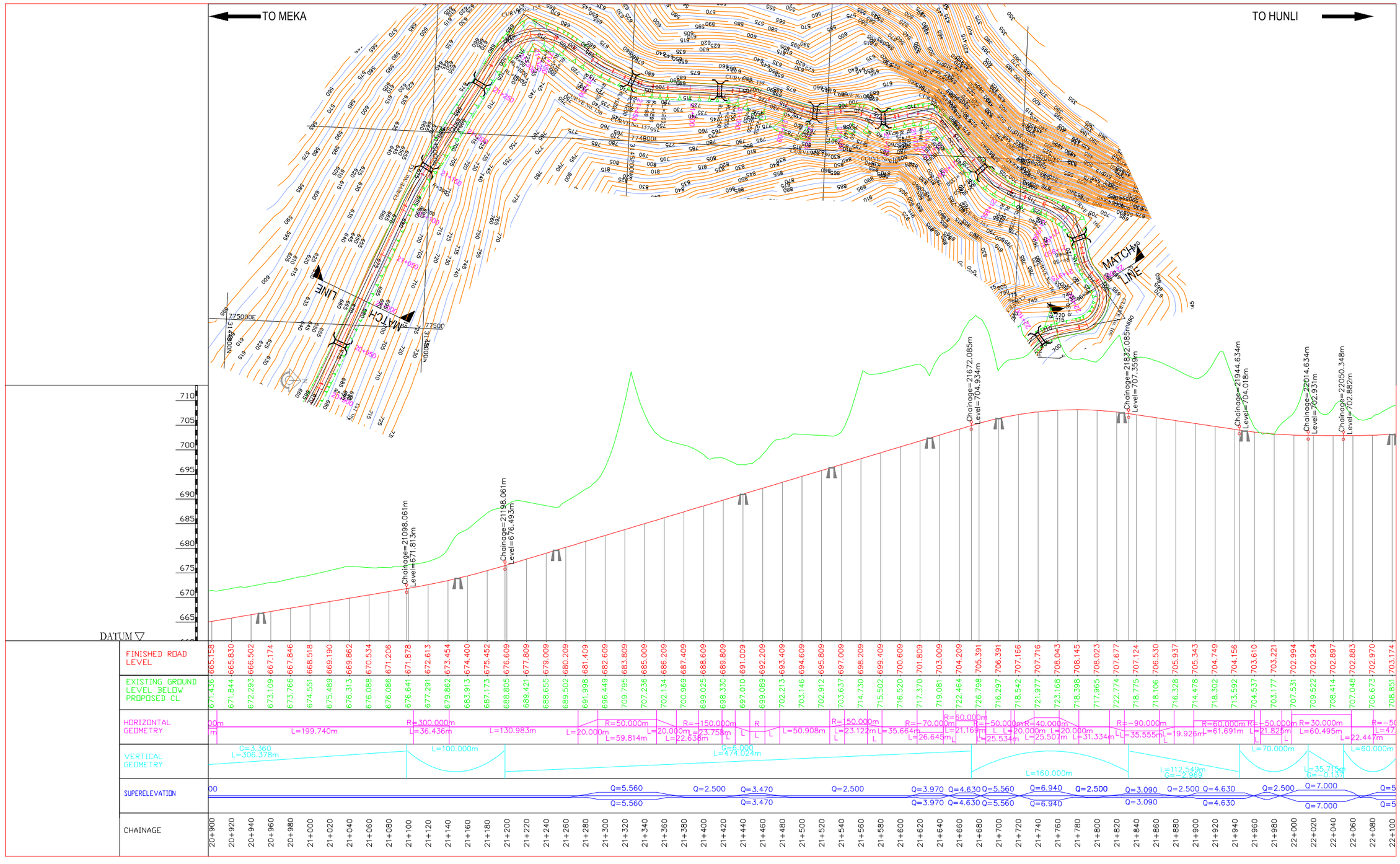
Sheet Size:
A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 20+000 to Km 21+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-175



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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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APPROVED					

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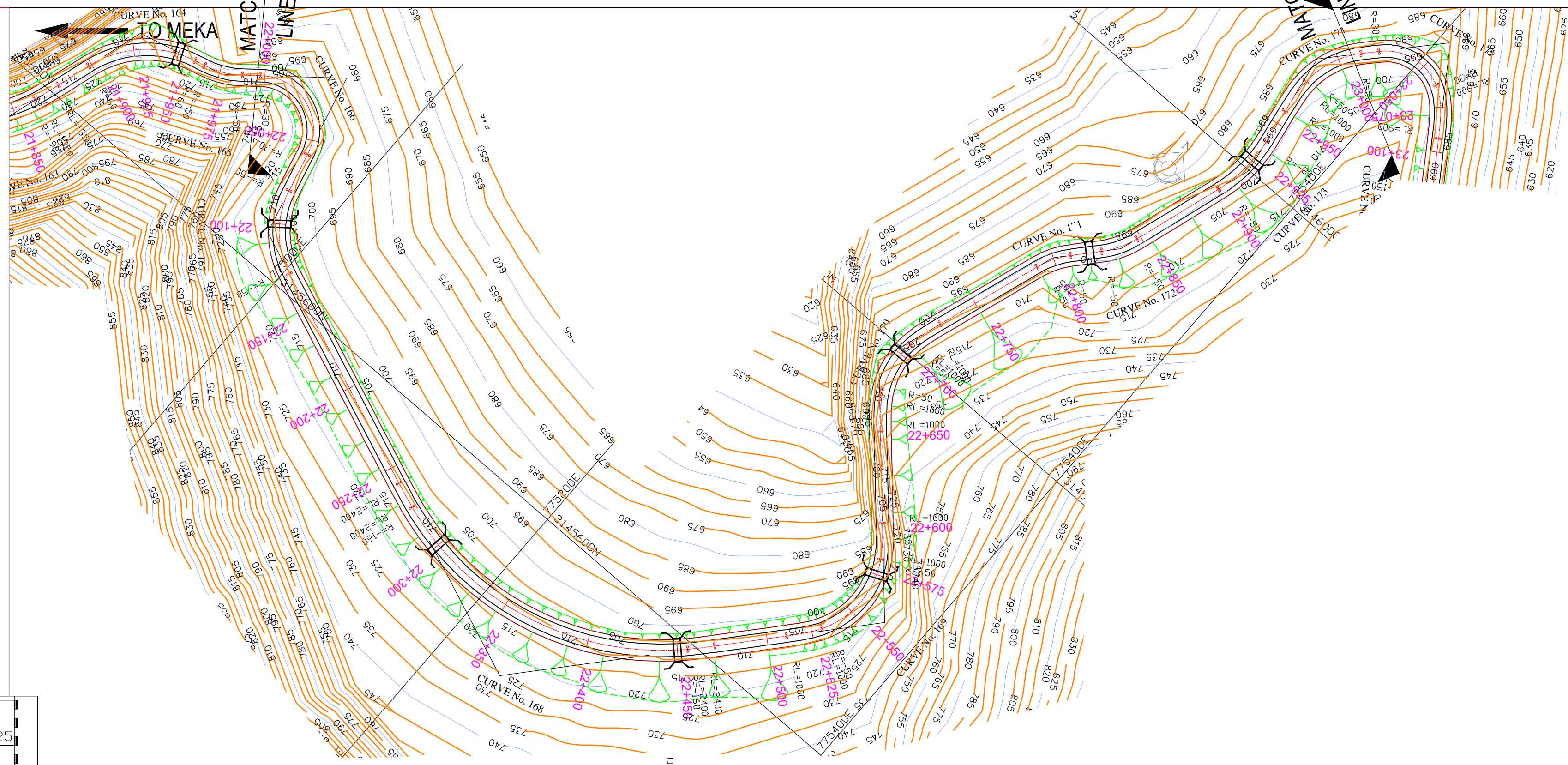
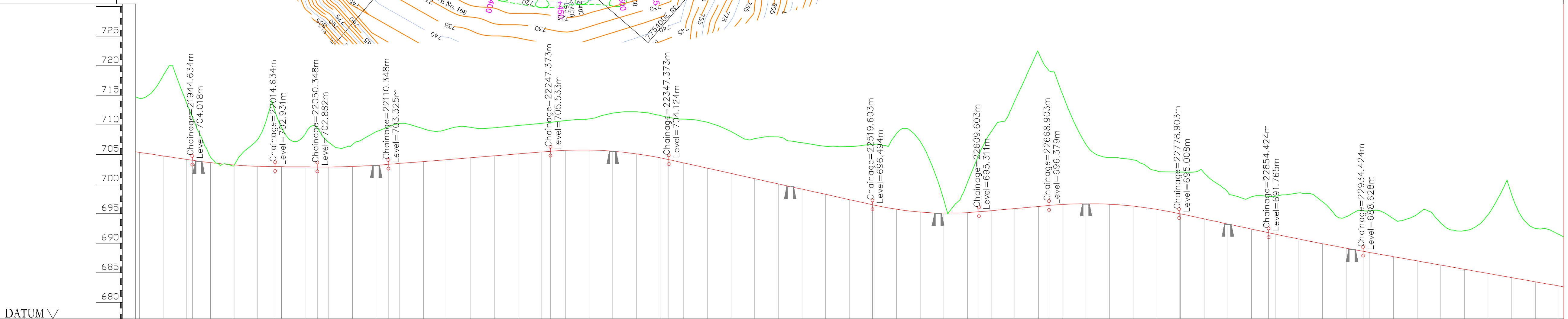
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

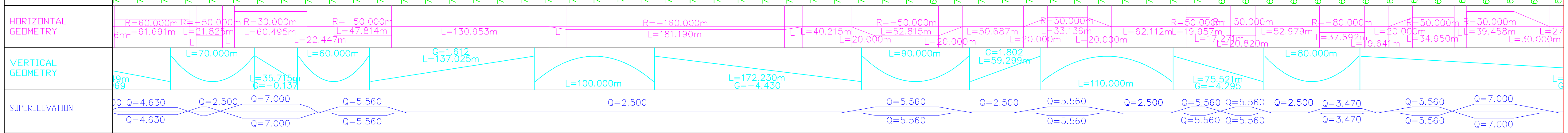
PLAN & PROFILE
(Km 21+000 to Km 22+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-176





CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
21+900	705.343	714.478
21+920	704.749	718.302
21+940	704.156	713.592
21+960	703.610	704.537
21+980	703.221	703.177
22+000	702.994	707.531
22+020	702.924	709.522
22+040	702.897	708.414
22+060	702.883	707.048
22+080	702.970	706.673
22+100	703.174	708.851
22+120	703.480	710.250
22+140	703.803	709.333
22+160	704.125	709.240
22+180	704.447	709.577
22+200	704.770	709.518
22+220	705.092	709.885
22+240	705.414	710.266
22+260	705.688	710.722
22+280	705.737	711.002
22+300	705.544	711.988
22+320	705.110	712.221
22+340	704.434	711.603
22+360	703.564	710.986
22+380	702.678	710.454
22+400	701.792	708.901
22+420	700.906	707.691
22+440	700.020	707.956
22+460	699.134	706.990
22+480	698.248	706.381
22+500	697.362	706.347
22+520	696.476	706.718
22+540	695.734	708.582
22+560	695.269	707.205
22+580	695.081	697.274
22+600	695.170	700.358
22+620	695.498	708.852
22+640	695.859	714.072
22+660	696.219	722.152
22+680	696.545	715.322
22+700	696.672	706.689
22+720	696.577	704.460
22+740	696.260	704.093
22+760	695.721	702.223
22+780	694.961	702.030
22+800	694.102	701.863
22+820	693.243	698.647
22+840	692.384	697.849
22+860	691.527	697.925
22+880	690.697	698.492
22+900	689.905	697.024
22+920	689.149	694.469
22+940	688.430	695.486
22+960	687.720	694.138
22+980	687.011	694.851
23+000	686.301	693.386
23+020	685.592	692.113
23+040	684.882	694.804
23+060	684.173	698.132
23+080	683.463	692.468
23+100	682.753	691.468



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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.

Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0			
DATE	June 2012			
DRAWN				
DESIGNED				
CHECKED				
APPROVED				

Scale:
HOR : 1:2500
VER : 1:500

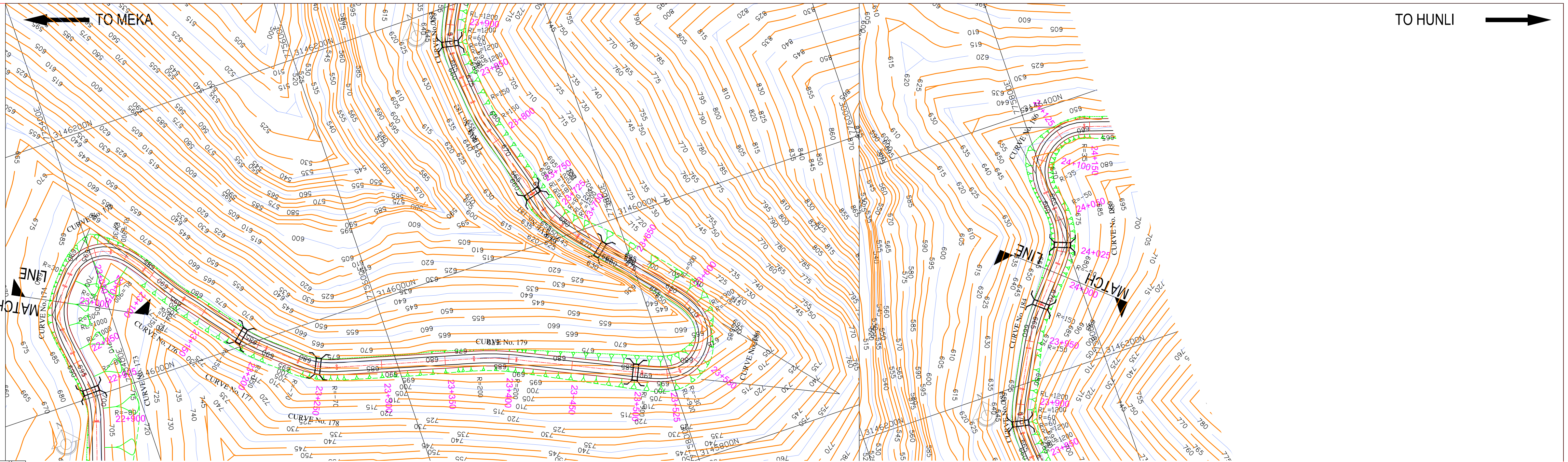
Sheet Size: A2

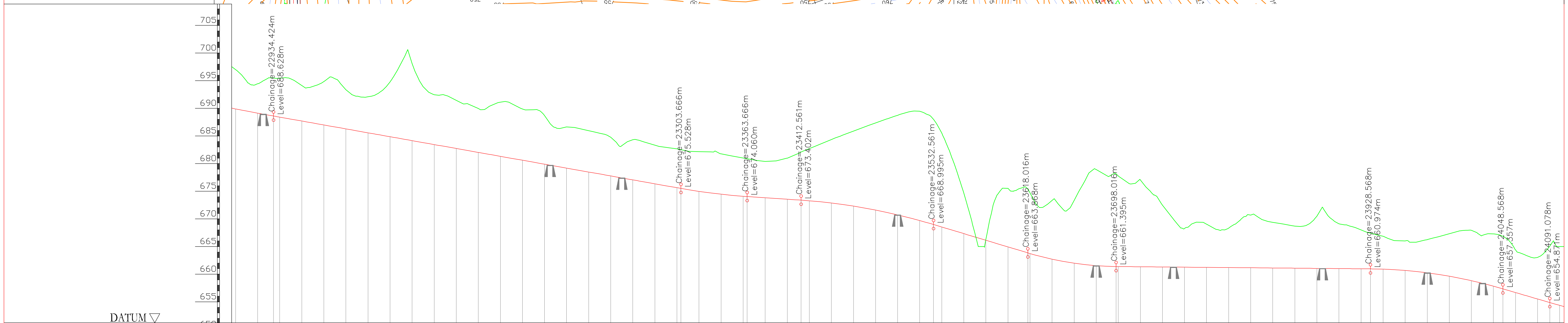
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 22+000 to Km 23+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-177





CHAINAGE	22+900	22+920	22+940	22+960	22+980	23+000	23+020	23+040	23+060	23+080	23+100
FINISHED ROAD LEVEL	689.905	689.149	688.430	687.720	687.011	686.301	685.592	684.882	684.173	683.463	682.753
EXISTING GROUND LEVEL BELOW PROPOSED CL	697.024	694.469	695.486	694.138	694.851	693.386	692.113	694.804	698.132	692.468	691.468

CHAINAGE	23+120	23+140	23+160	23+180	23+200	23+220	23+240	23+260	23+280	23+300
FINISHED ROAD LEVEL	682.044	681.334	680.625	679.915	679.206	678.496	677.786	677.077	676.367	675.658
EXISTING GROUND LEVEL BELOW PROPOSED CL	689.997	691.135	689.902	688.729	686.662	685.970	684.787	684.349	683.344	682.699

CHAINAGE	23+320	23+340	23+360	23+380	23+400	23+420	23+440	23+460	23+480	23+500
FINISHED ROAD LEVEL	674.997	674.481	674.112	673.840	673.571	673.291	672.887	672.328	671.613	670.743
EXISTING GROUND LEVEL BELOW PROPOSED CL	682.178	681.773	681.033	680.395	681.006	682.729	684.366	685.897	687.377	688.764

CHAINAGE	23+520	23+540	23+560	23+580	23+600	23+620	23+640	23+660	23+680	23+700
FINISHED ROAD LEVEL	669.718	668.549	667.349	666.149	664.949	663.750	662.724	661.990	661.546	661.391
EXISTING GROUND LEVEL BELOW PROPOSED CL	689.516	685.548	674.674	666.292	675.528	674.706	673.351	673.377	678.928	677.796

CHAINAGE	23+720	23+740	23+760	23+780	23+800	23+820	23+840	23+860	23+880	23+900
FINISHED ROAD LEVEL	661.355	661.318	661.282	661.245	661.209	661.172	661.136	661.099	661.063	661.026
EXISTING GROUND LEVEL BELOW PROPOSED CL	677.043	672.483	668.281	669.067	668.345	670.712	669.402	668.717	670.489	669.143

CHAINAGE	23+920	23+940	23+960	23+980	24+000	24+020	24+040	24+060	24+080	24+100
FINISHED ROAD LEVEL	660.990	660.923	660.684	660.256	659.640	658.834	657.840	656.688	655.519	654.370
EXISTING GROUND LEVEL BELOW PROPOSED CL	668.031	666.862	666.013	666.255	667.330	667.938	667.312	664.406	663.039	665.000

HORIZONTAL GEOMETRY: R=−80.000m L=37.692m; L=19.641m; L=20.000m; R=50.000m L=34.950m; R=30.000m L=39.458m; L=30.000m; L=27.034m; R L; L=46.241m; R=−150.000m L=29.395m; L=26.923m; R=−70.000m L=30.865m; L=107.922m; R=200.000m L=33.350m; L=99.169m; L=30.000m; R=−30.000m L=51.167m; L=30.000m; L=84.008m; R=80.000m L=19.157m; L=60.165m; R=150.000m L=25.735m; L=21.446m; L=20.000m; R; L=20.000m; L=32.395m; R=150.000m L=35.798m; L=34.605m; R=−50.000m L=44.779m; L; R=3 L=7

VERTICAL GEOMETRY: 000m; L=369.242m G=−3.548; L=60.000m; L=48.895m G=−1.345; L=120.000m; L=85.455m G=−6.000; L=80.000m; L=230.552m G=−0.182; L=120.000m; L=42.510m G=−5.847

SUPERELEVATION: Q=3.470; Q=5.560; Q=7.000; Q=2.500; Q=3.970; Q=2.500; Q=7.000; Q=2.500; Q=3.470; Q=2.500; Q=4.630; Q=2.500; Q=5.560; Q=

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0
DATE	June 2012
DRAWN	
DESIGNED	
CHECKED	
APPROVED	

Scale: HOR : 1:2500 VER : 1:500

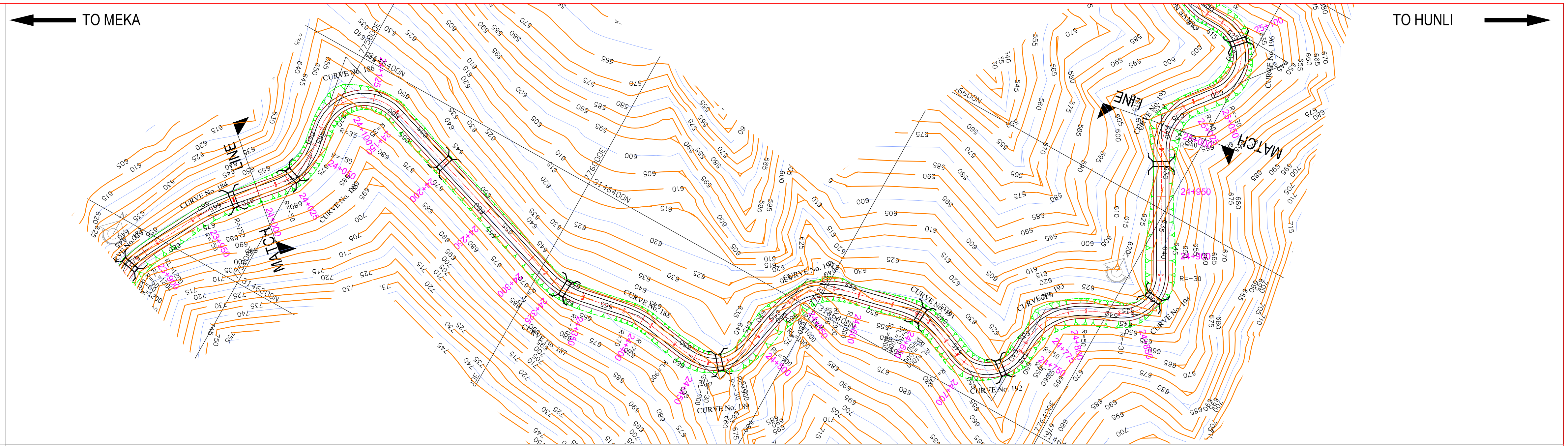
Sheet Size: A2

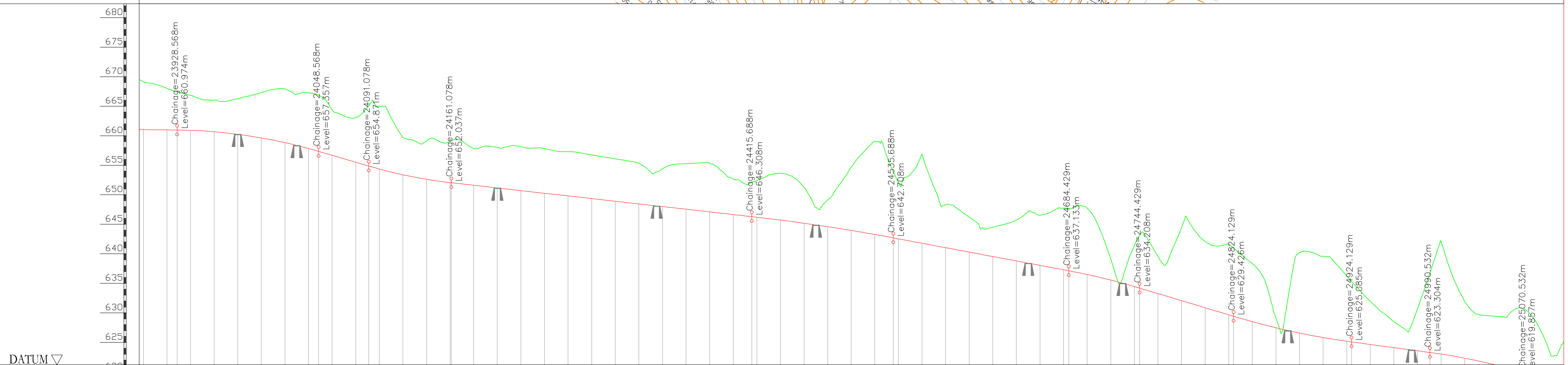
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 23+000 to Km 24+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-178





CHAINAGE	23+900	23+920	23+940	23+960	23+980	24+000	24+020	24+040	24+060	24+080
FINISHED ROAD LEVEL	661.026	660.990	660.923	660.684	660.256	659.640	658.834	657.840	656.688	655.519
EXISTING GROUND LEVEL BELOW PROPOSED CL	669.143	668.031	666.862	666.013	666.255	667.330	667.938	667.312	664.406	663.039

CHAINAGE	24+100	24+120	24+140	24+160	24+180	24+200	24+220	24+240	24+260	24+280
FINISHED ROAD LEVEL	654.370	653.395	652.626	652.062	651.611	651.161	650.711	650.261	649.811	649.361
EXISTING GROUND LEVEL BELOW PROPOSED CL	665.000	659.735	659.114	659.054	657.862	658.031	658.148	657.828	657.302	656.765

CHAINAGE	24+300	24+320	24+340	24+360	24+380	24+400	24+420	24+440	24+460	24+480
FINISHED ROAD LEVEL	648.911	648.461	648.011	647.561	647.111	646.661	646.209	645.724	645.188	644.602
EXISTING GROUND LEVEL BELOW PROPOSED CL	656.103	655.339	654.428	655.288	655.271	652.660	652.401	653.643	651.305	649.208

CHAINAGE	24+500	24+520	24+540	24+560	24+580	24+600	24+620	24+640	24+660	24+680
FINISHED ROAD LEVEL	643.967	643.281	642.547	641.797	641.047	640.298	639.548	638.798	638.048	637.299
EXISTING GROUND LEVEL BELOW PROPOSED CL	654.683	659.061	652.070	656.850	648.310	646.213	644.513	645.713	646.557	647.750

CHAINAGE	24+700	24+720	24+740	24+760	24+780	24+800	24+820	24+840	24+860	24+880
FINISHED ROAD LEVEL	636.503	635.562	634.470	633.274	632.074	630.874	629.674	628.516	627.487	626.592
EXISTING GROUND LEVEL BELOW PROPOSED CL	647.757	639.103	641.433	639.575	644.416	642.075	641.664	638.382	629.145	640.207

CHAINAGE	24+900	24+920	24+940	24+960	24+980	25+000	25+020	25+040	25+060	25+080	25+100
FINISHED ROAD LEVEL	625.829	625.199	624.660	624.123	623.587	623.032	622.338	621.480	620.460	619.295	618.108
EXISTING GROUND LEVEL BELOW PROPOSED CL	639.576	636.252	631.947	628.502	630.727	642.042	631.944	629.528	630.273	628.626	623.588

HORIZONTAL GEOMETRY: L=32.395m, 0.000m, R=150.000m, L=35.798m, L=34.605m, R=−50.000m, L=44.779m, L, R=35.000m, L=72.055m, L=169.878m, R=−70.000m, L=35.209m, L=33.153m, R=70.000m, L=24.089m, L=23.094m, L=30.000m, R, LL=30.000m, L, L=20.000m, R=50.000m, L=36.882m, L=20.000m, L=26.928m, L=20.000m, R, L=20.000m, L, R=−30.000m, L=58.714m, L, R=50.000m, L=55.707m, L=25.730m, R=−30.000m, L=49.207m, L=97.426m, R=40.000m, L=47.158m, L=19.638m, R=−30.000, L=66.332m

VERTICAL GEOMETRY: L=120.000m, L=42.510m G=−5.847, L=70.000m, L=254.610m G=−2.250, L=120.000m, L=148.741m G=−3.749, L=60.000m, L=79.700m G=−6.000, L=100.000m, L=66.403m G=−2.682, L=80.000m, L=53.0… G=−5.…

SUPERELEVATION: Q=2.500, Q=5.560, Q=5.560, Q=7.000, Q=7.000, Q=2.500, Q=3.970, Q=3.970, Q=3.970, Q=3.970, Q=2.500, Q=7.000, Q=7.000, Q=2.500, Q=5.560, Q=5.560, Q=2.500, Q=5.560, Q=5.560, Q=7.000, Q=7.000, Q=5.560, Q=5.560, Q=7.000, Q=7.000, Q=2.500, Q=6.940, Q=6.940, Q=7.000, Q=7.000

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

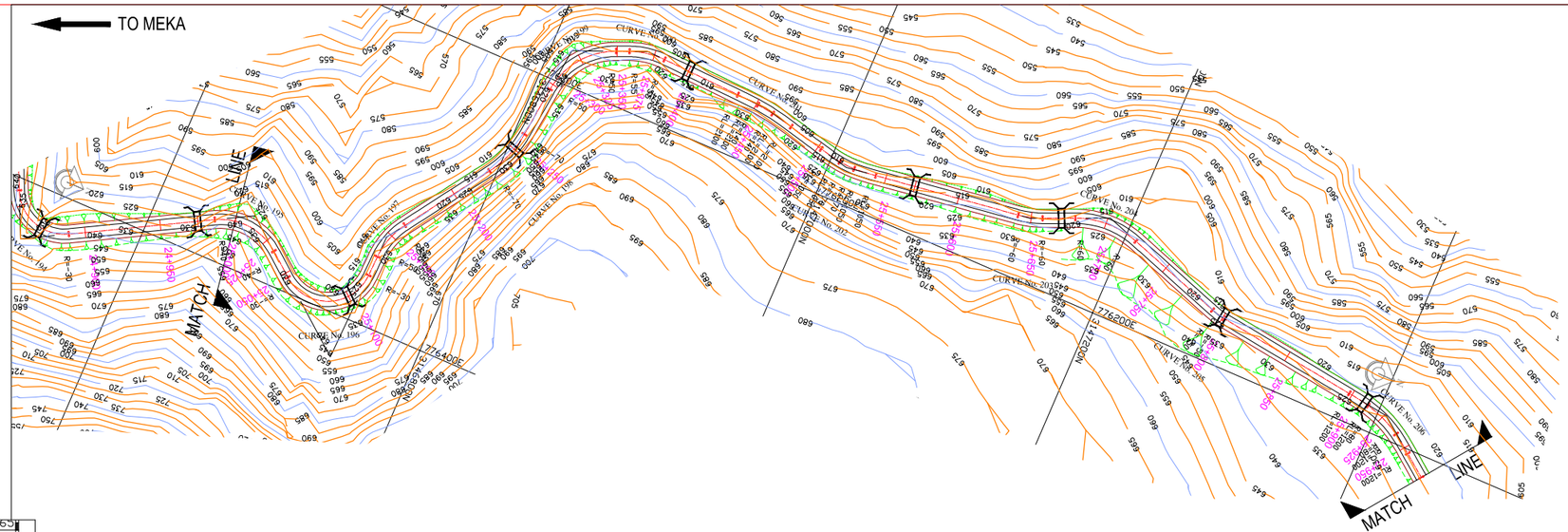
Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

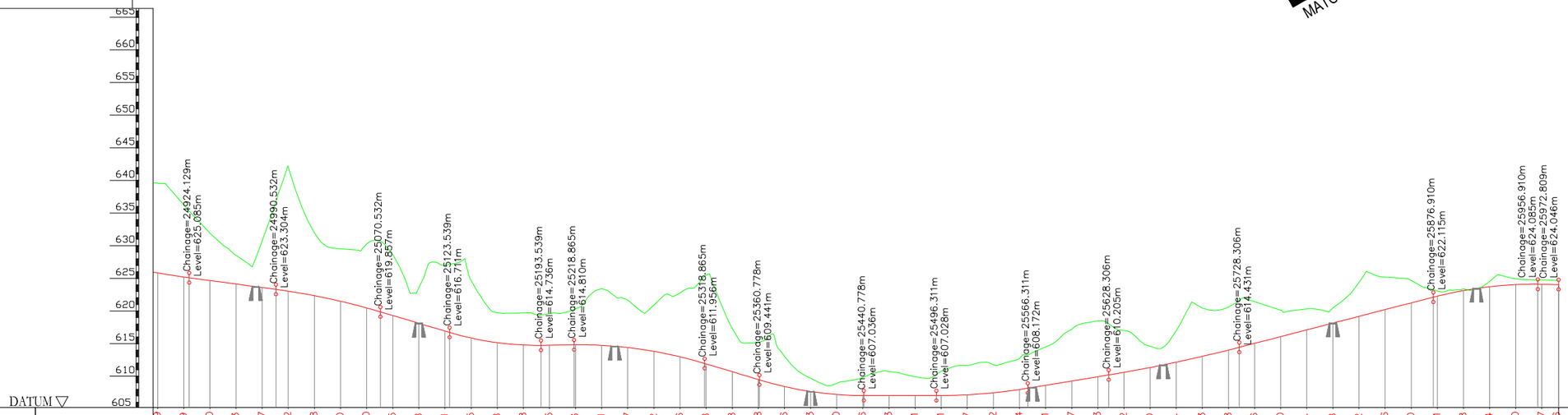
REV	R0
DATE	June 2012
DRAWN	
DESIGNED	
CHECKED	
APPROVED	

Scale: HOR : 1:2500 VER : 1:500
Sheet Size: A2

MEKA-ROING-HUNLI ROAD
DRAFT DETAILED PROJECT REPORT
PLAN & PROFILE
(Km 24+000 to Km 25+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-179





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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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MEKA-ROING-HUNLI ROAD

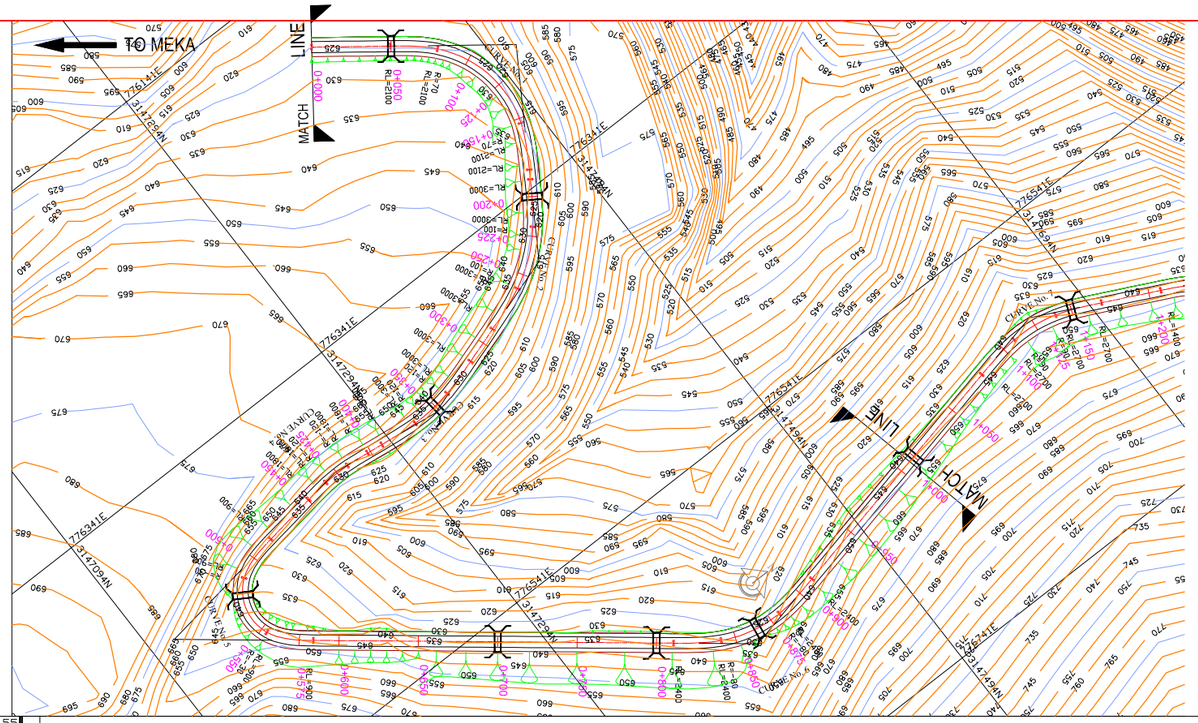
DRAFT DETAILED PROJECT REPORT

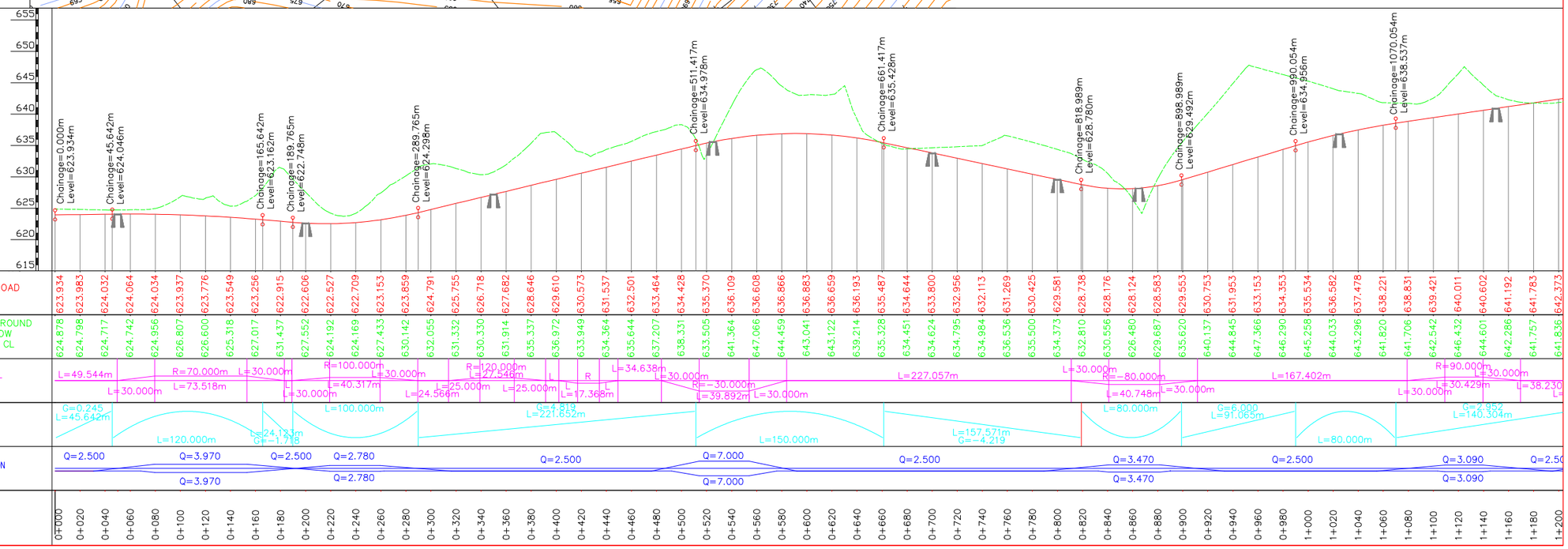
PLAN & PROFILE
(Km 25+000 to Km 25+972.809)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-180

New Alignment
Part - 3C

Ch. Km. 0+000 (Kronli) to Km. 21+540.837 (Ex. Km. 22+500 Anini Road)





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BORDER ROADS ORGANISATION

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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MEKA-ROING-HUNLI ROAD

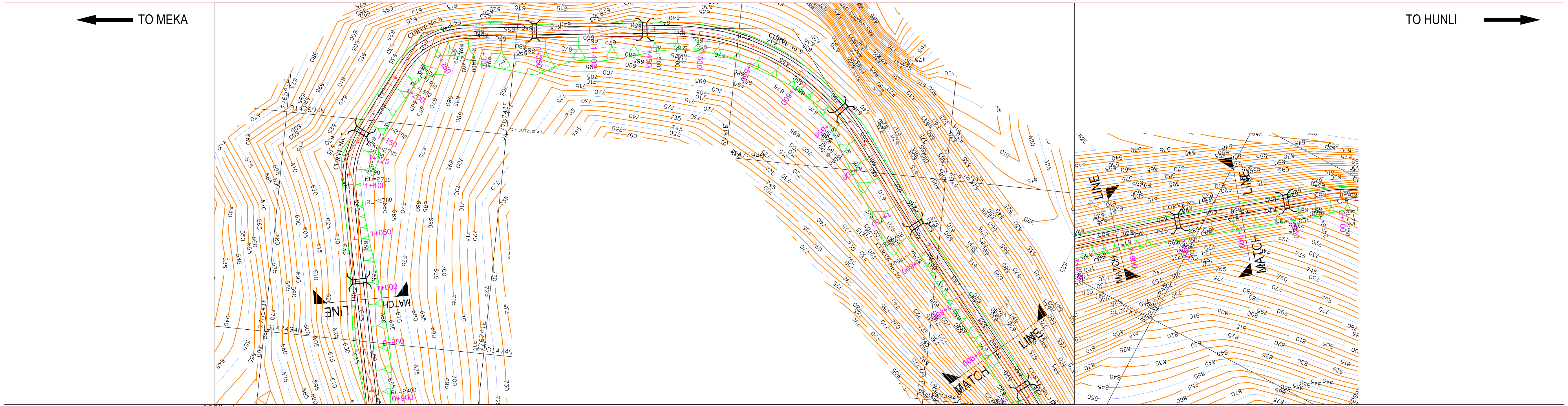
DRAFT DETAILED PROJECT REPORT

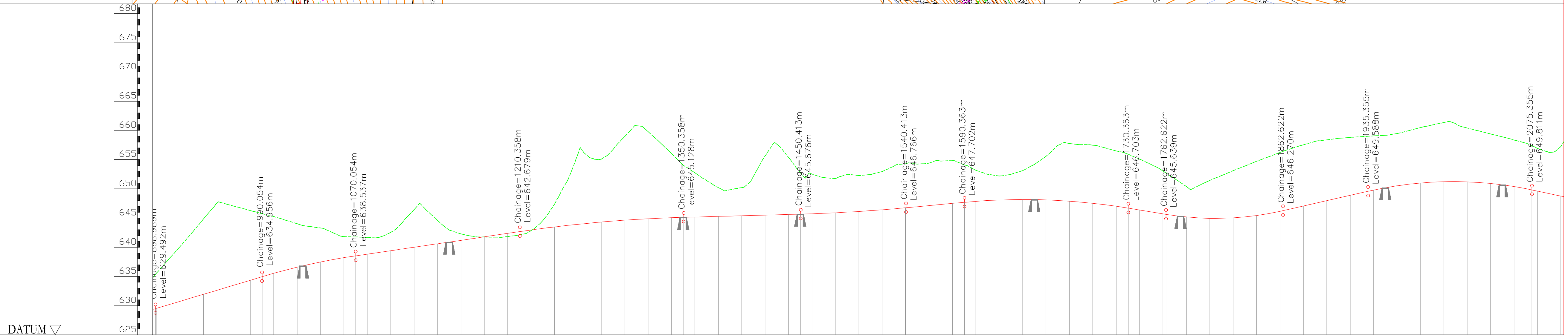
PLAN & PROFILE
(Km 0+000 to Km 1+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-181

TO MEKA

TO HUNLI





CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
0+900	629.553	635.620
0+920	630.753	640.137
0+940	631.953	644.845
0+960	633.153	647.366
0+980	634.353	646.290
1+000	635.534	645.258
1+020	636.582	644.033
1+040	637.478	643.296
1+060	638.221	641.820
1+080	638.831	641.706
1+100	639.421	642.542
1+120	640.011	646.432
1+140	640.602	644.601
1+160	641.192	642.286
1+180	641.783	641.757
1+200	642.373	641.836
1+220	642.955	642.830
1+240	643.478	647.406
1+260	643.932	655.955
1+280	644.318	655.084
1+300	644.635	658.970
1+320	644.883	659.782
1+340	645.062	656.030
1+360	645.181	652.748
1+380	645.291	650.219
1+400	645.400	650.216
1+420	645.510	655.647
1+440	645.619	655.371
1+460	645.735	652.541
1+480	645.903	651.749
1+500	646.129	652.278
1+520	646.414	652.959
1+540	646.758	654.287
1+560	647.133	654.400
1+580	647.507	654.831
1+600	647.865	653.176
1+620	648.095	652.191
1+640	648.176	653.118
1+660	648.110	655.559
1+680	647.897	657.762
1+700	647.535	657.478
1+720	647.025	656.488
1+740	646.385	655.093
1+760	645.725	653.058
1+780	645.184	650.389
1+800	644.955	651.443
1+820	645.040	653.101
1+840	645.439	654.708
1+860	646.153	656.225
1+880	647.063	657.538
1+900	647.975	658.392
1+920	648.887	658.812
1+940	649.793	659.069
1+960	650.521	659.452
1+980	650.998	660.475
2+000	651.223	661.351
2+020	651.196	660.427
2+040	650.918	659.409
2+060	650.389	658.363
2+080	649.614	656.923
2+100	648.766	657.242

HORIZONTAL GEOMETRY: 0.000m; L=167.402m; L=30.000m; R=90.000m; L=30.000m; L=30.429m; L=38.230m; L=20.000m; R=70.000m; L=20.000m; L=49.911m; L=161.351m; L=25.000m; R=200.000m; L=179.387m; L=25.000m; L=83.338m; R=-1000.000m; L=24.398m; L=151.819m; R; L; L=115.681m; L=30.000

VERTICAL GEOMETRY: G=6.000 L=91.065m; L=80.000m; G=2.952 L=140.304m; L=140.000m; G=0.548 L=100.055m; L=90.000m; G=1.874 L=49.950m; L=140.000m; L=32.259m G=-3.300; L=100.000m; G=4.562 L=72.733m; L=140.000m

SUPERELEVATION: Q=2.500; Q=3.090; Q=3.090; Q=2.500; Q=3.970; Q=3.970; Q=2.500

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0
DATE	June 2012
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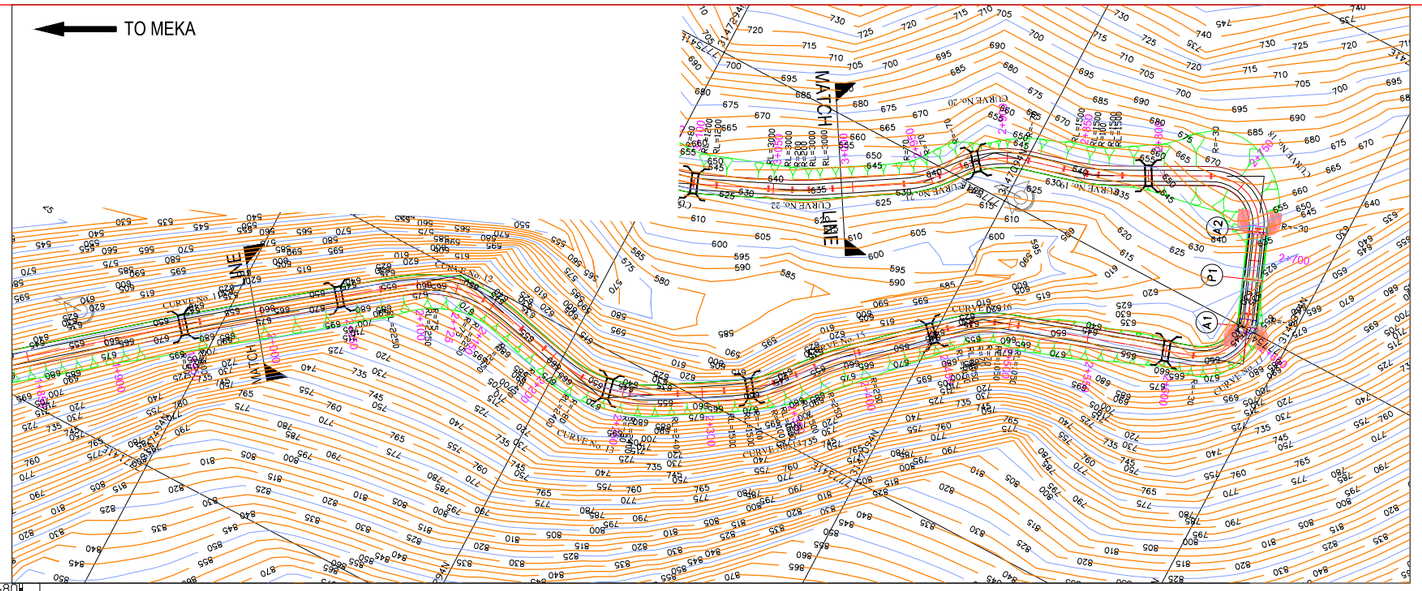
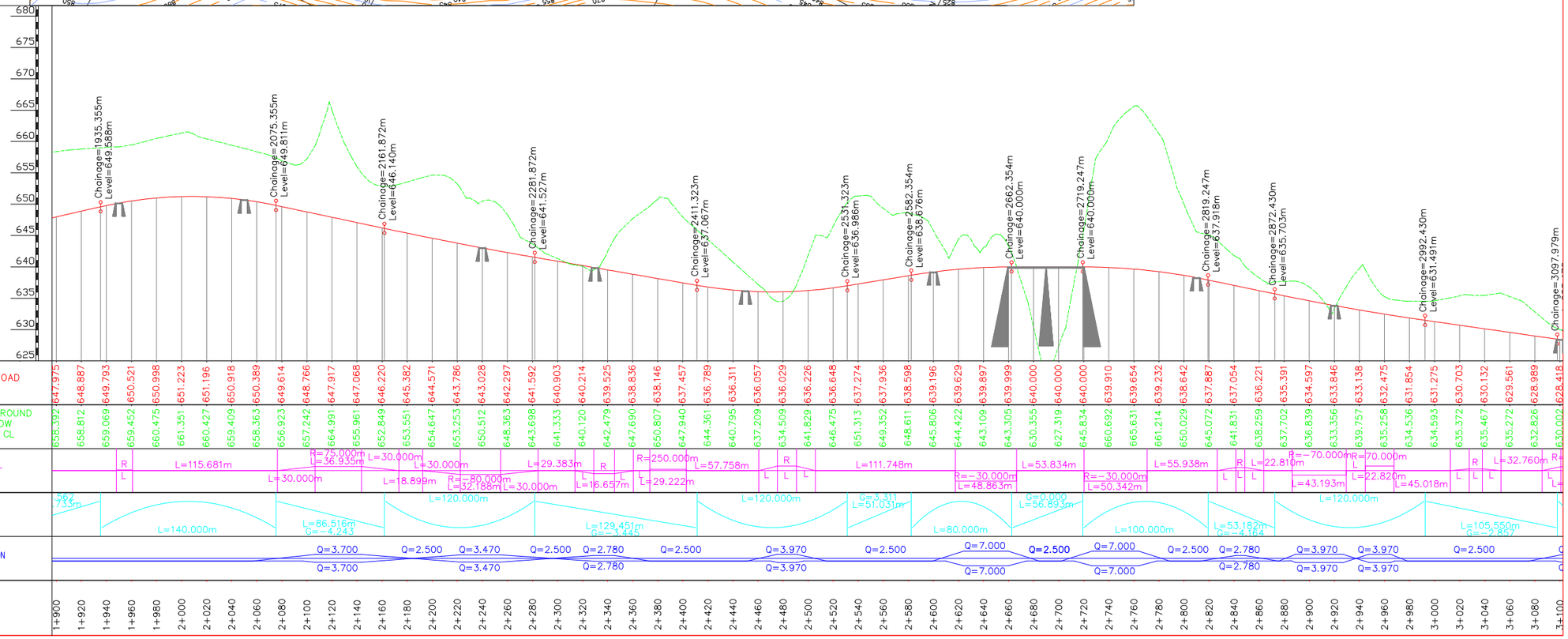
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 1+000 to Km 2+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-182





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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0				
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Sheet Size:
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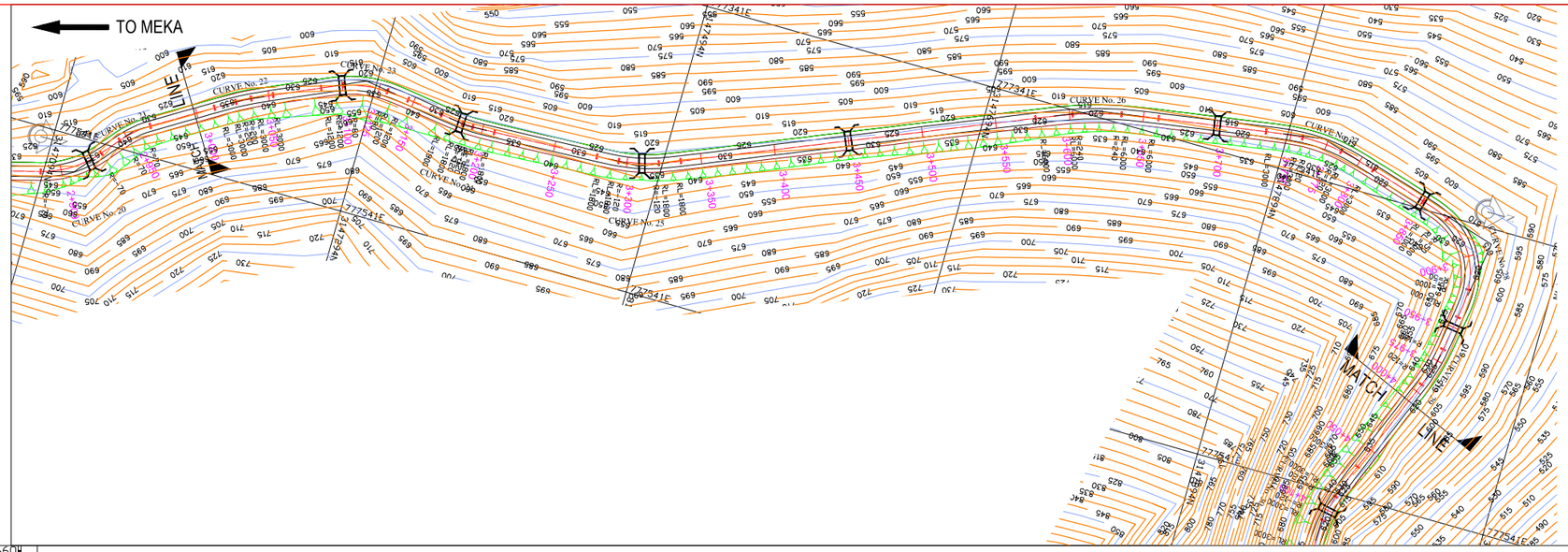
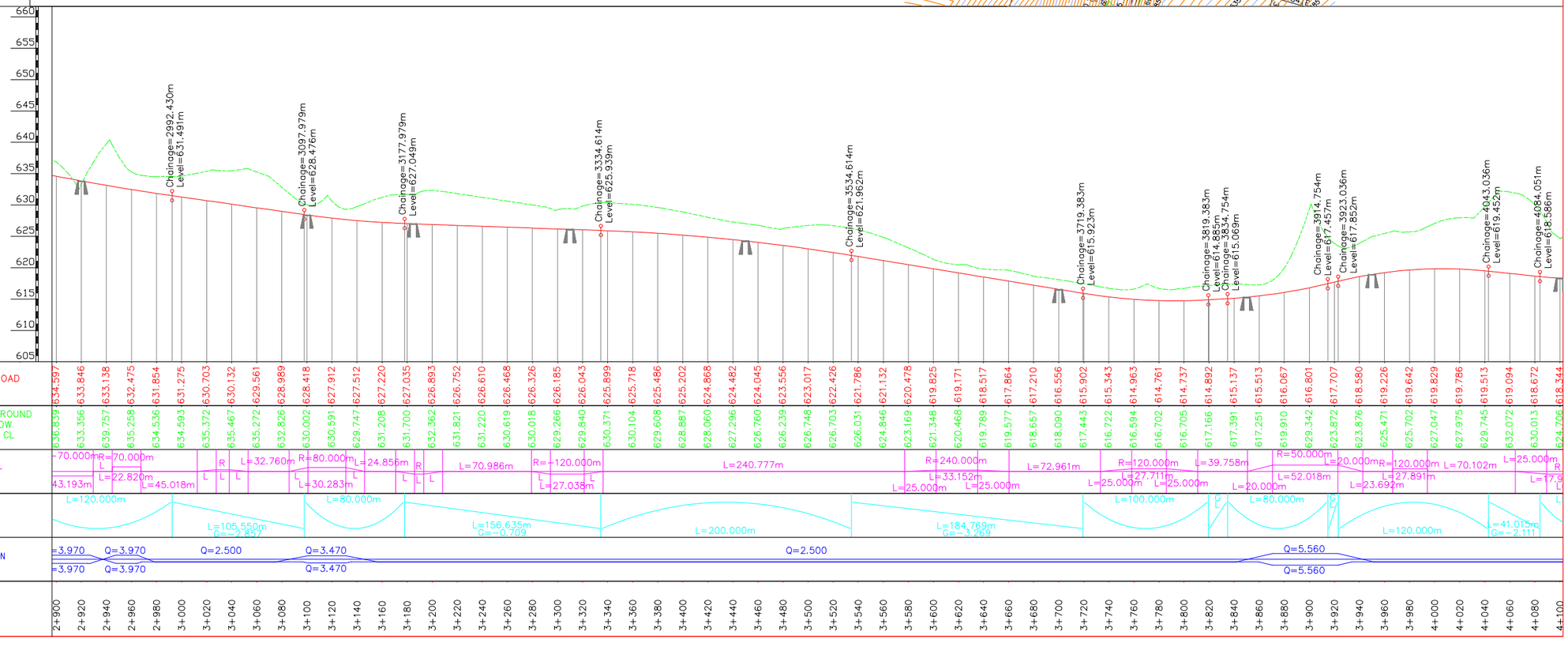
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 2+000 to Km 3+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-183





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BORDER ROADS ORGANISATION

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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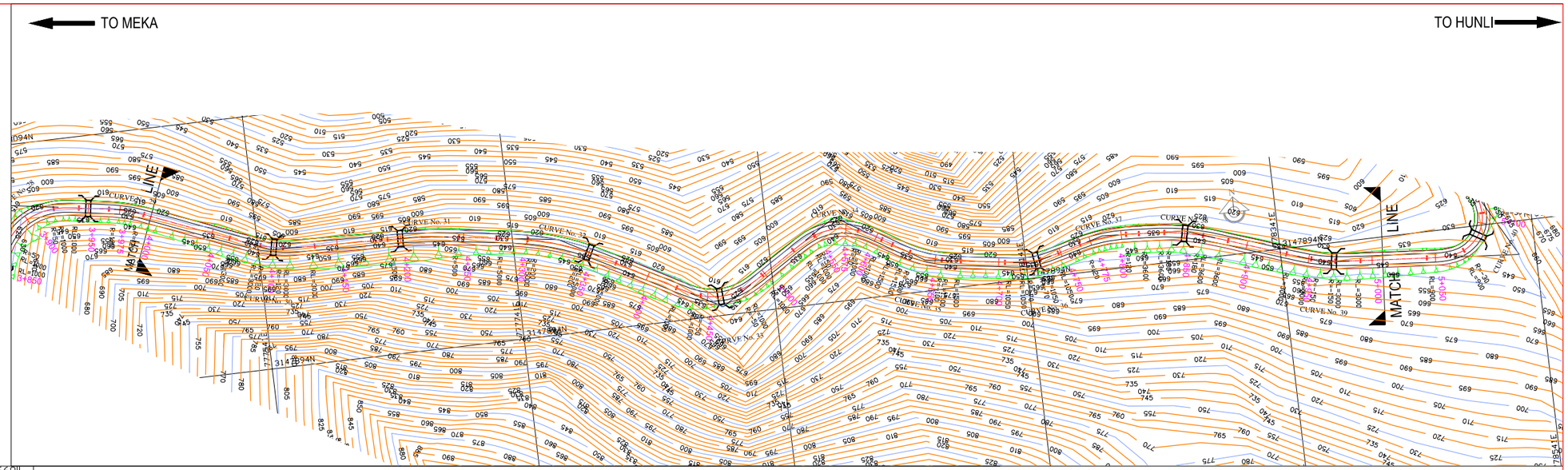
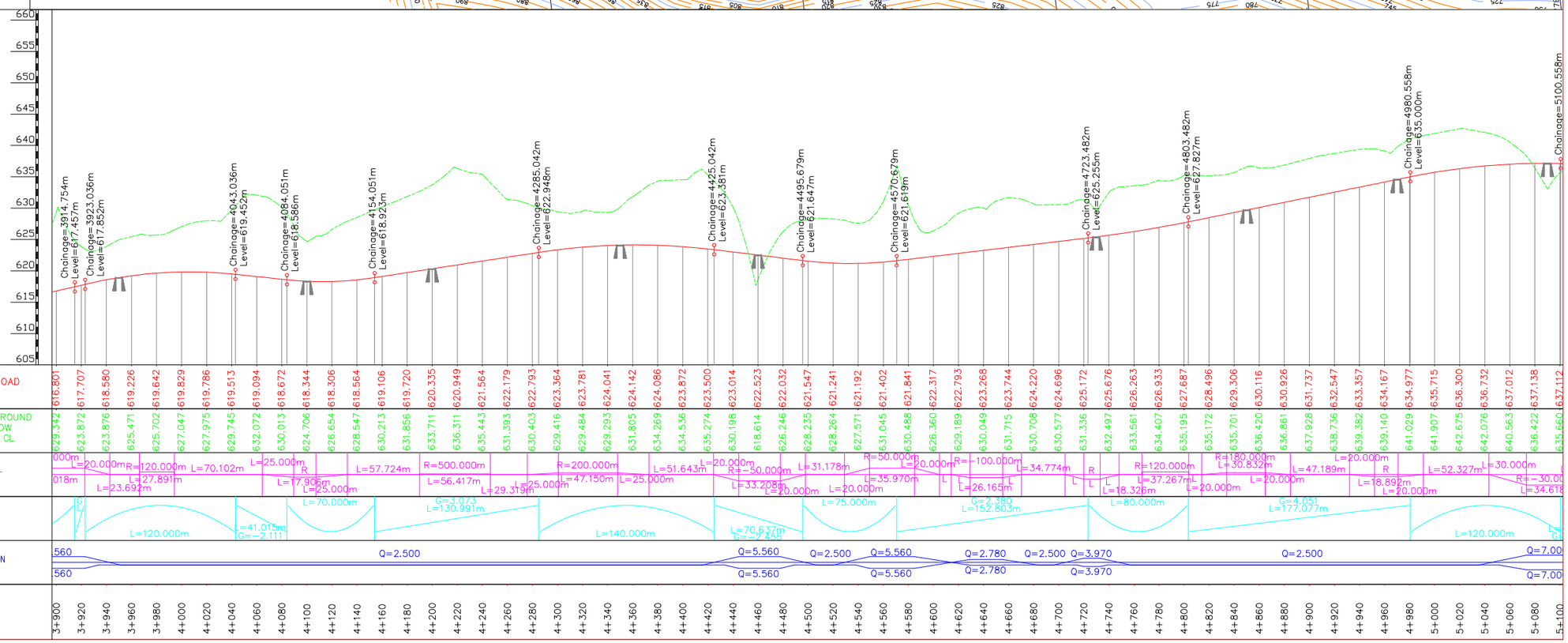
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 3+000 to Km 4+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-184





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BORDER ROADS ORGANISATION

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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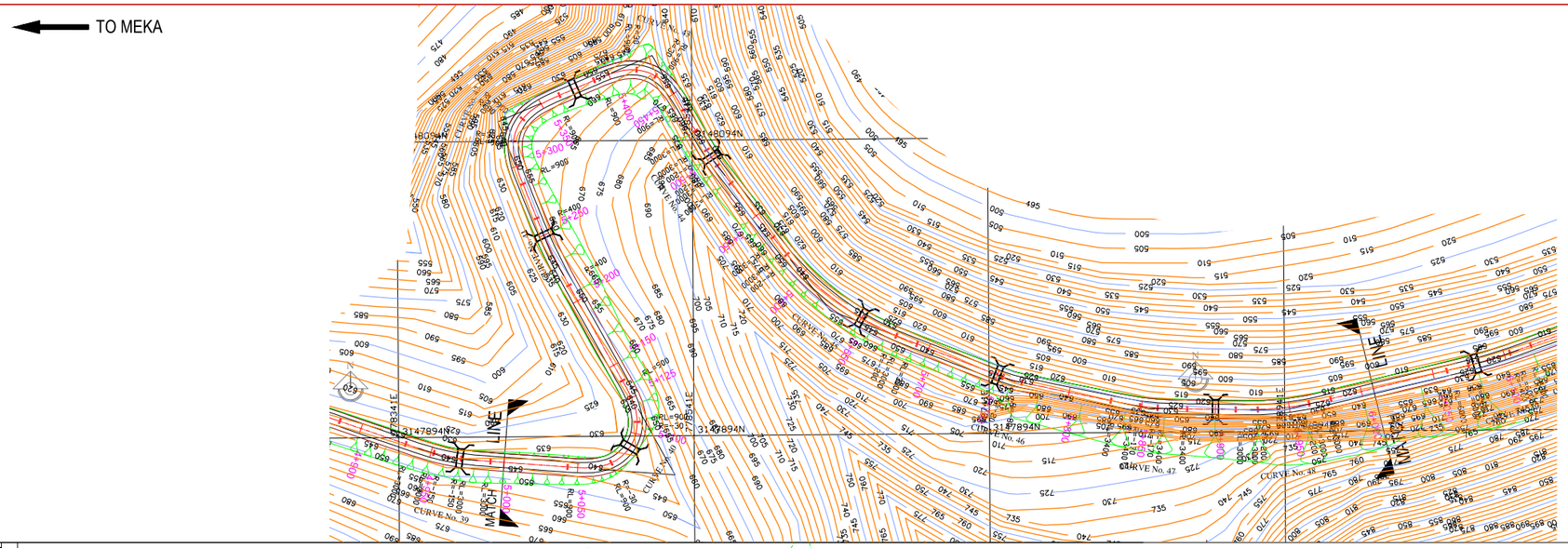
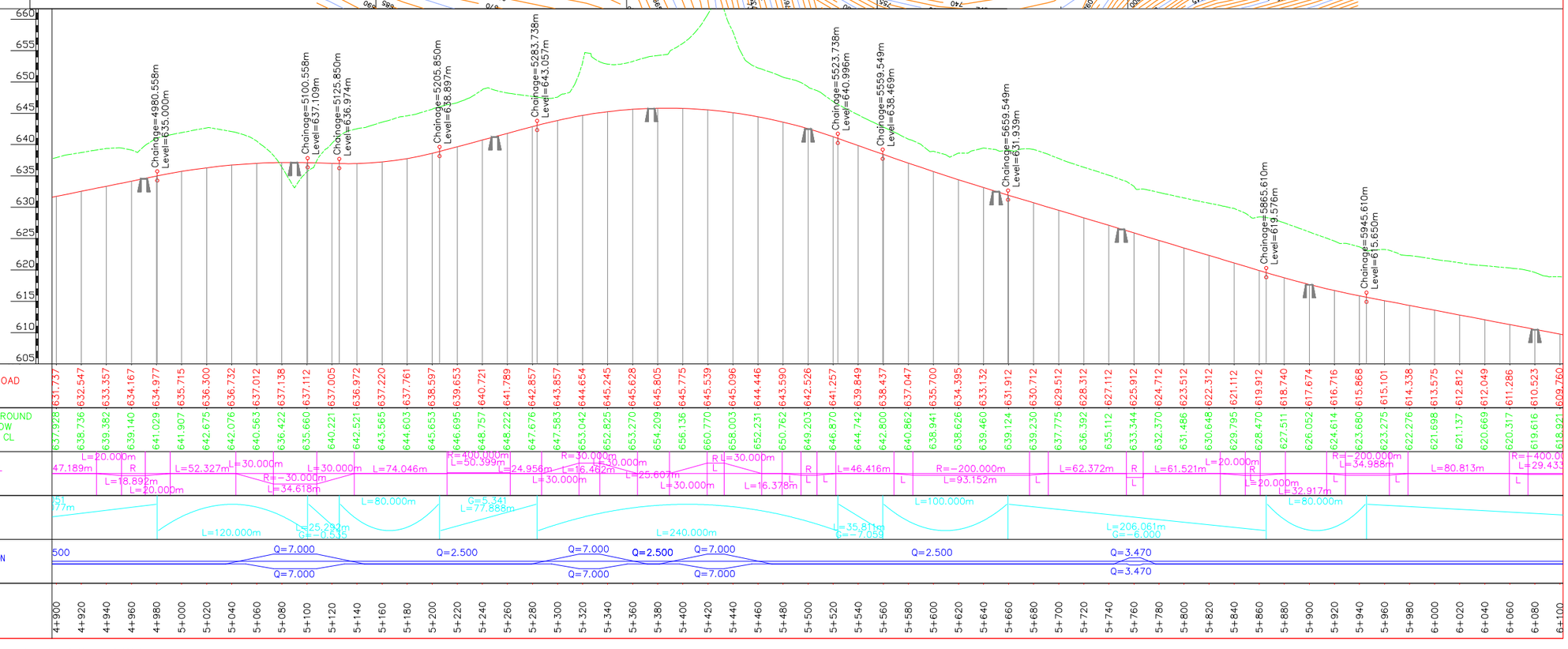
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 4+000 to Km 5+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-185





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BORDER ROADS ORGANISATION

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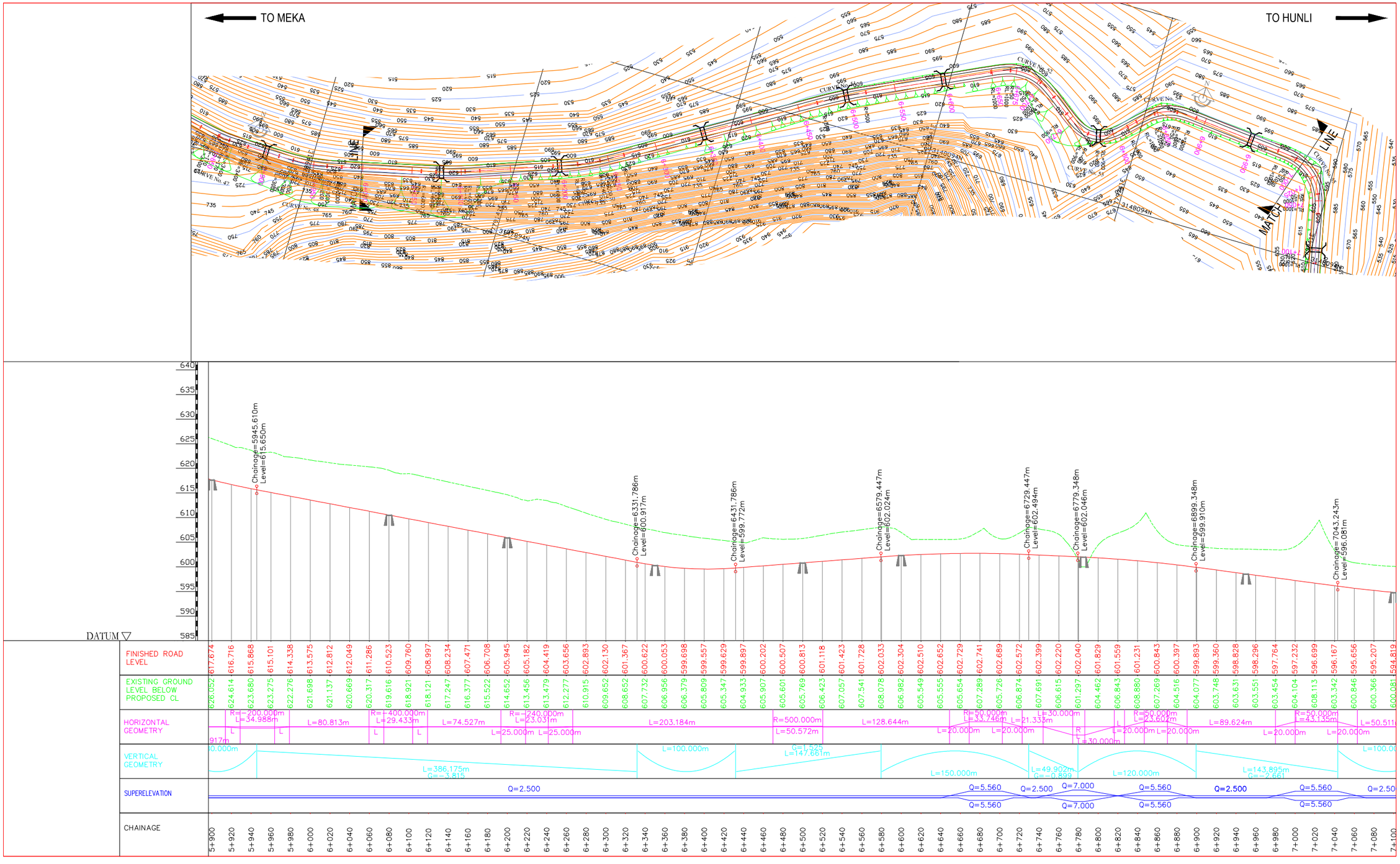
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 5+000 to Km 6+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-186



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BORDER ROADS ORGANISATION

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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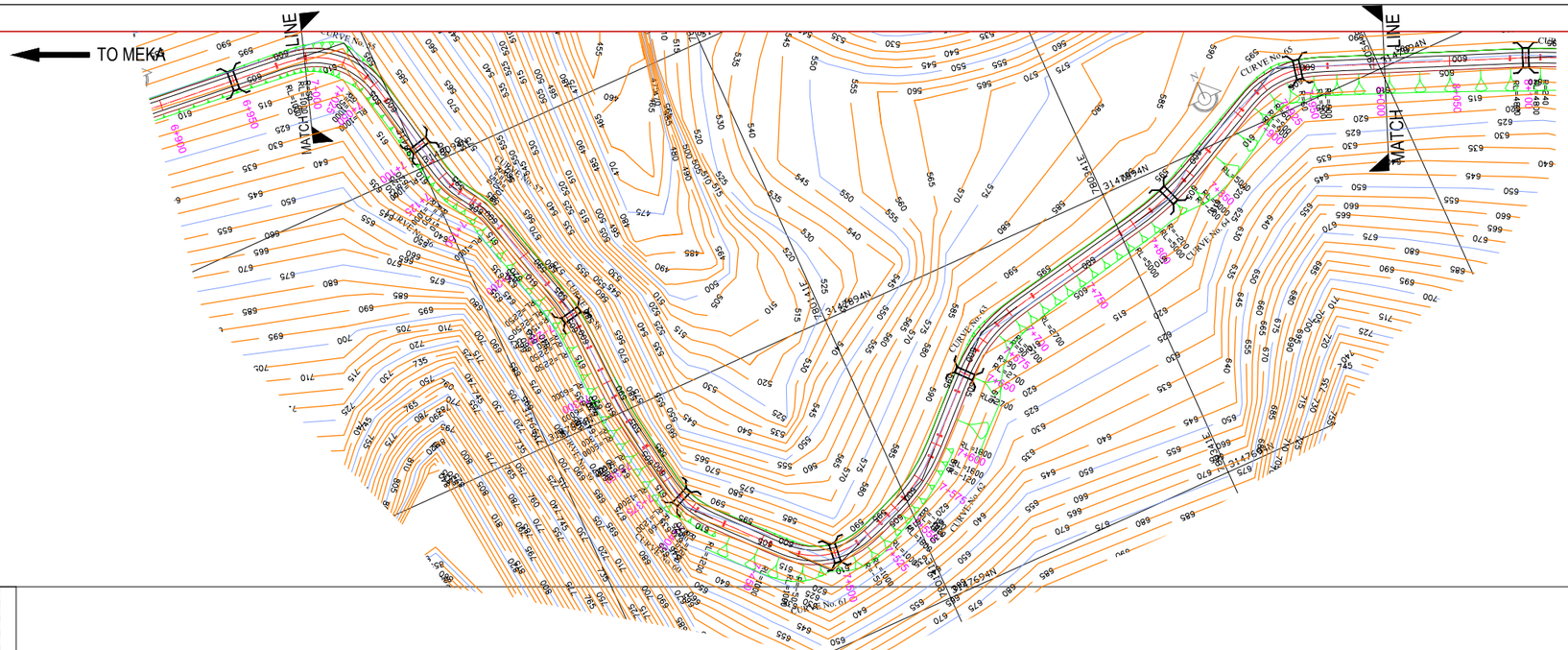
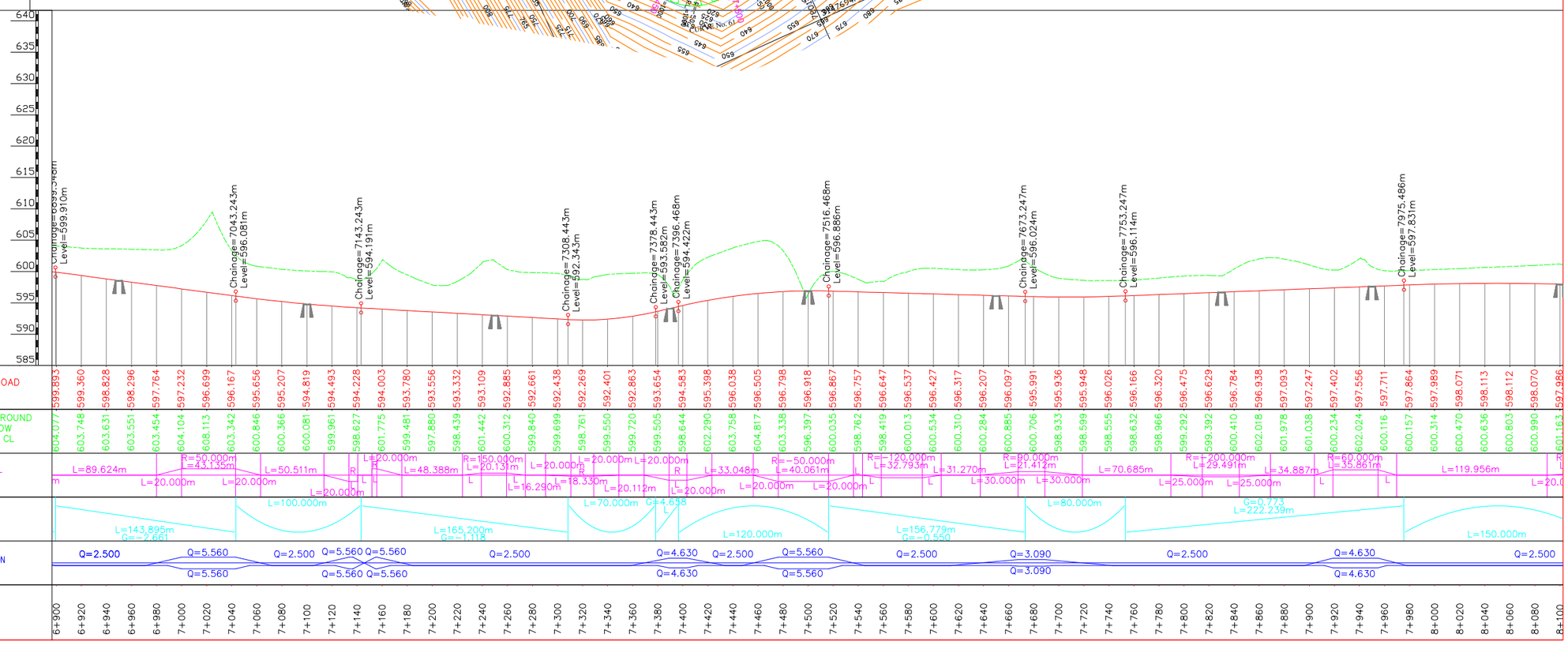
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 6+000 to Km 7+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-187





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BORDER ROADS ORGANISATION

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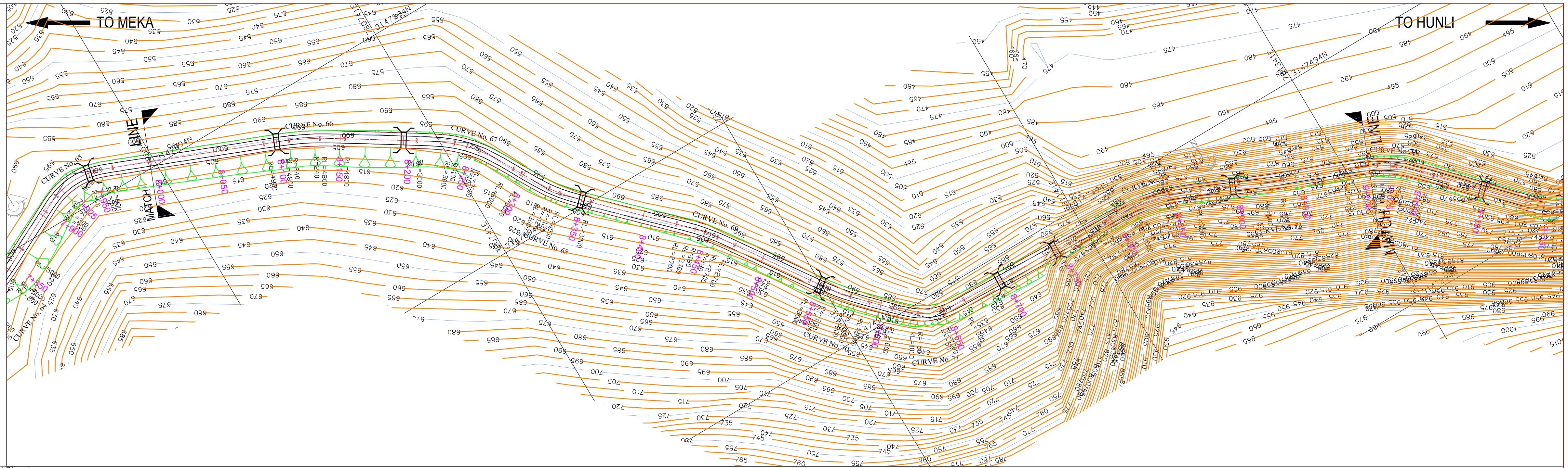
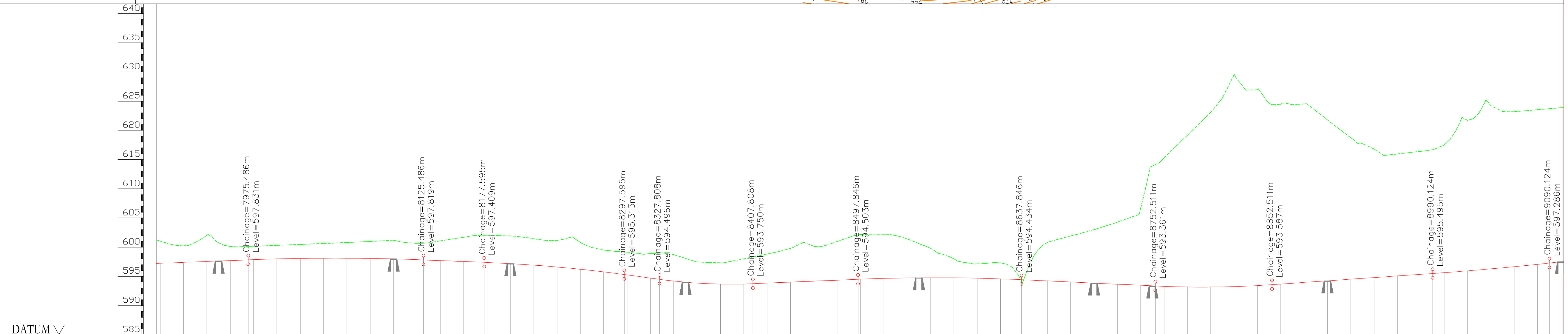
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 7+000 to Km 8+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-188





CHAINAGE	FINISHED ROAD LEVEL	EXISTING GROUND LEVEL BELOW PROPOSED CL
7+900	597.247	601.038
7+920	597.402	600.234
7+940	597.556	602.024
7+960	597.711	600.116
7+980	597.864	600.157
8+000	597.989	600.314
8+020	598.071	600.470
8+040	598.113	600.636
8+060	598.112	600.803
8+080	598.070	600.990
8+100	597.986	601.163
8+120	597.861	600.648
8+140	597.705	601.079
8+160	597.547	601.708
8+180	597.389	602.051
8+200	597.192	601.917
8+220	596.931	601.421
8+240	596.606	601.168
8+260	596.217	600.803
8+280	595.765	599.497
8+300	595.248	599.142
8+320	594.708	598.917
8+340	594.200	598.733
8+360	593.855	597.481
8+380	593.688	597.330
8+400	593.698	598.012
8+420	593.852	598.833
8+440	594.019	599.799
8+460	594.187	600.167
8+480	594.354	600.971
8+500	594.521	602.148
8+520	594.658	602.222
8+540	594.744	601.418
8+560	594.779	599.800
8+580	594.764	597.988
8+600	594.698	597.141
8+620	594.581	597.330
8+640	594.414	594.585
8+660	594.227	600.812
8+680	594.040	601.917
8+700	593.853	603.021
8+720	593.665	604.276
8+740	593.478	606.697
8+760	593.298	615.262
8+780	593.192	619.177
8+800	593.179	623.092
8+820	593.258	629.521
8+840	593.431	626.934
8+860	593.690	624.475
8+880	593.968	624.522
8+900	594.245	621.796
8+920	594.523	618.745
8+940	594.800	616.807
8+960	595.077	615.964
8+980	595.355	616.418
9+000	595.636	617.492
9+020	595.945	621.730
9+040	596.287	624.237
9+060	596.661	623.198
9+080	597.068	623.535
9+100	597.503	623.872

HORIZONTAL GEOMETRY: 7m; R=60.000m L=35.861m; L; L; L=119.956m; R=240.000m L=24.432m; L=20.000m L=20.000m; L=56.150m; L=30.000m; R=100.000m L=20.604m; L=30.000m; L=25.000m; R; L; L=25.000m; L=69.955m; R=180.000m L=18.792m; L; L; L=65.223m; L=19.551m; R; L; L=19.286m; L=20.000m; R=-50.000m; L=18.441m; L=20.000m; L=128.153m; L=25.000m; R=140.000m L=27.853m; L=25.000m; L=48.162m; R; L=17.797m; L=44.661m; R; L; L=30.000m L=30.000m; L=75.2

VERTICAL GEOMETRY: L=150.000m; L=52.109m G=-0.788; L=120.000m; L=30.213m G=-2.704; L=80.000m; G=0.837 L=90.039m; L=140.000m; L=114.665m G=-0.936; L=100.000m; G=1.387 L=137.613m; L=100.000m; L

SUPERELEVATION: Q=4.630; Q=4.630; Q=2.500; Q=2.780; Q=2.780; Q=2.500; Q=5.560; Q=5.560; Q=2.500; Q=2.780; Q=2.780; Q

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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
Unit No. 405 A & B, Rectangle I, Saket District Centre
Saket, New Delhi - 110 017

Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

REV	R0				
DATE	June 2012				
DRAWN					
DESIGNED					
CHECKED					
APPROVED					

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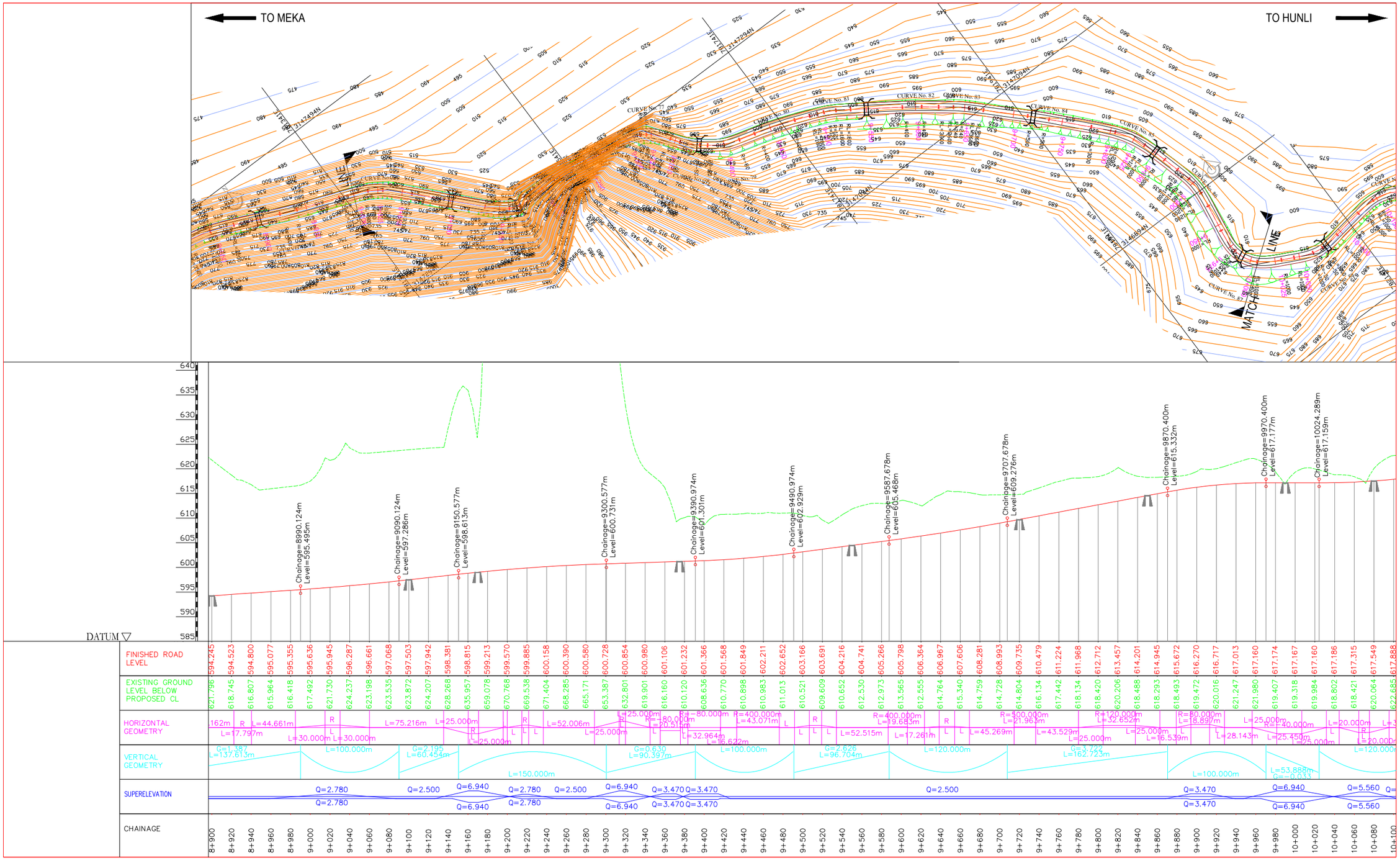
Sheet Size: A2

MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 8+000 to Km 9+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-189



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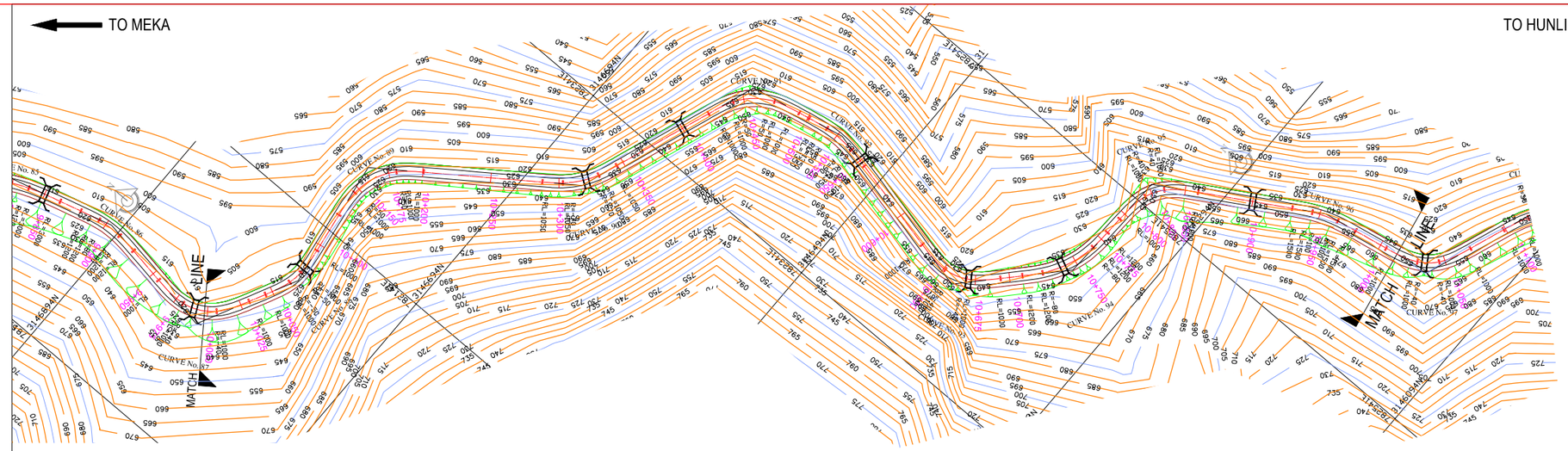
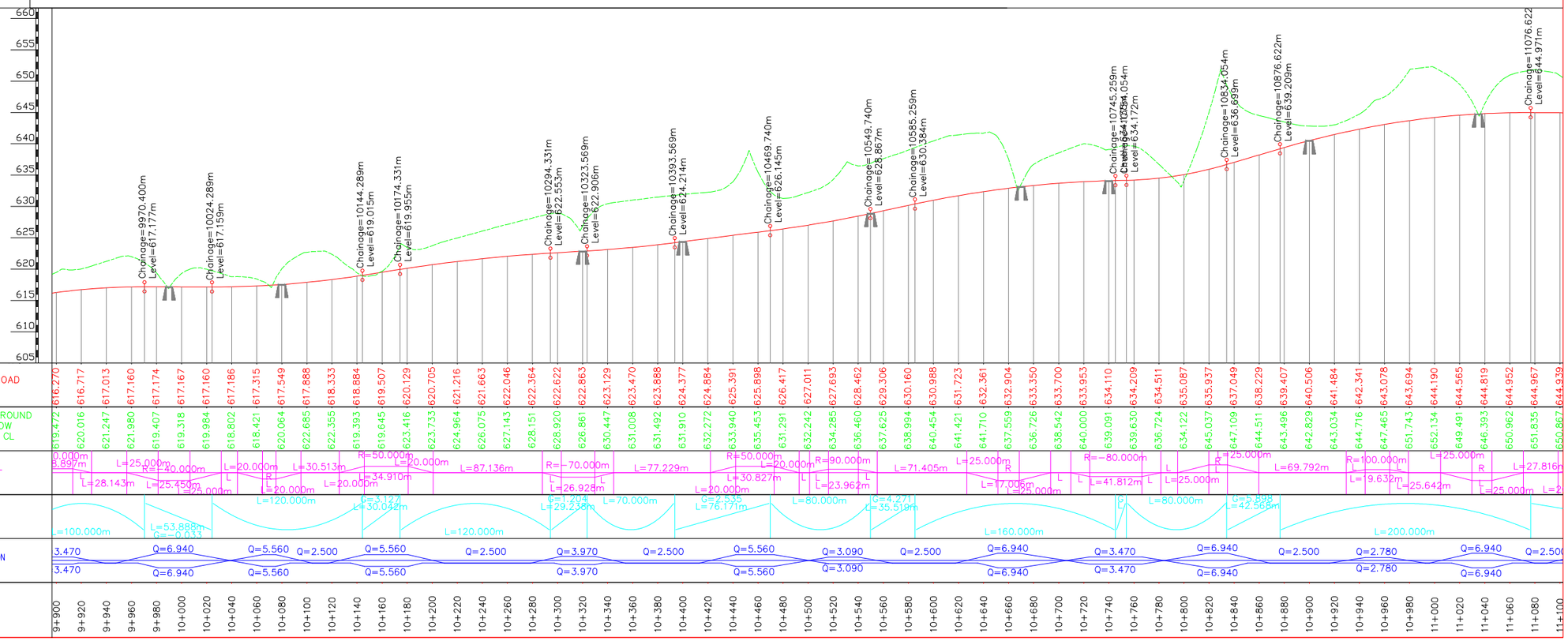
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 9+000 to Km 10+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-190





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MEKA-ROING-HUNLI ROAD

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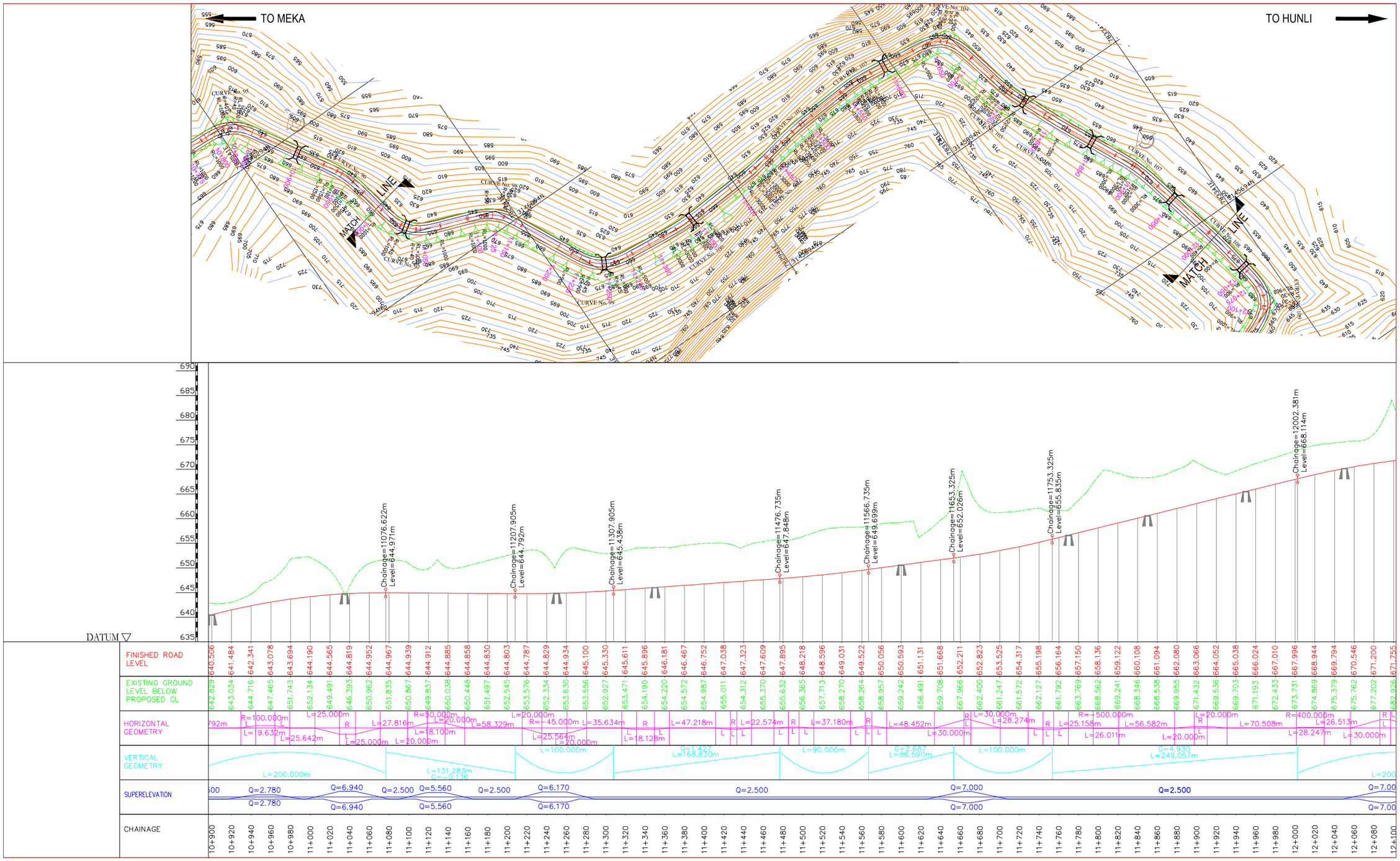
PLAN & PROFILE
(Km 10+000 to Km 11+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-191



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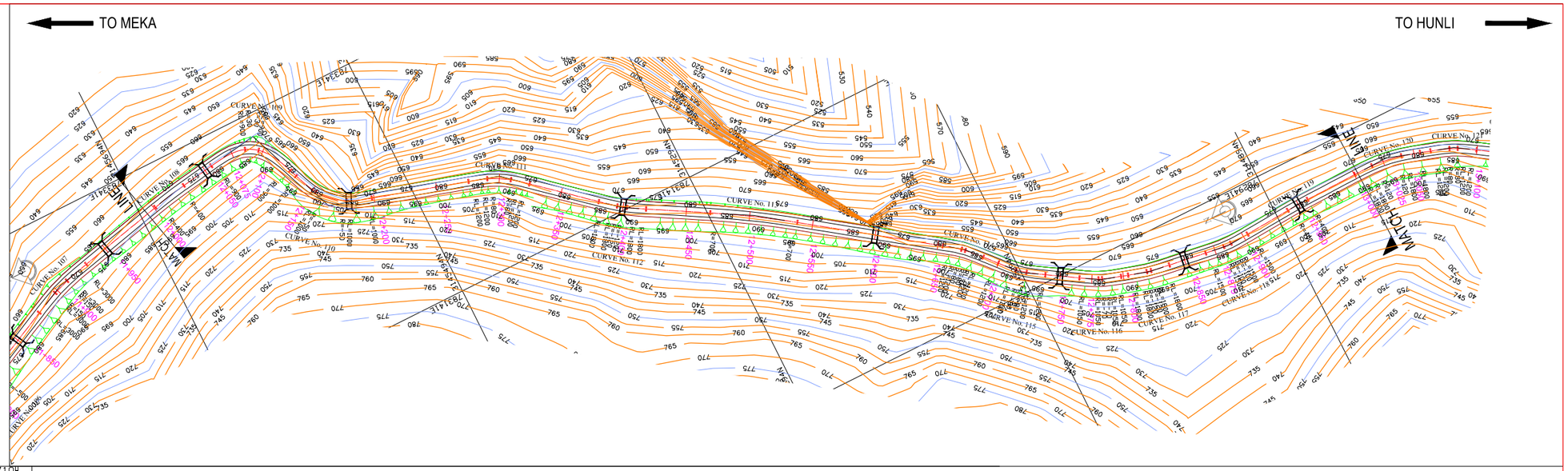
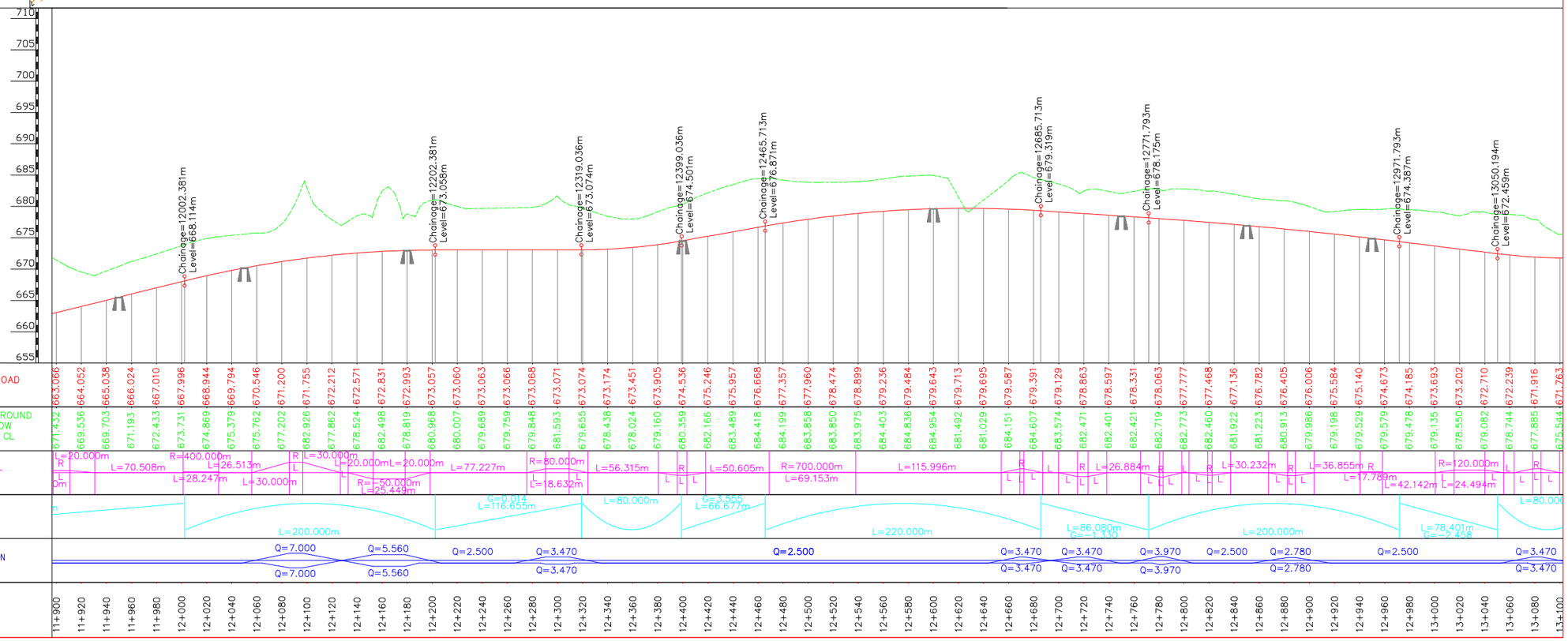
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 11+000 to Km 12+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-192





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BORDER ROADS ORGANISATION

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MEKA-ROING-HUNLI ROAD

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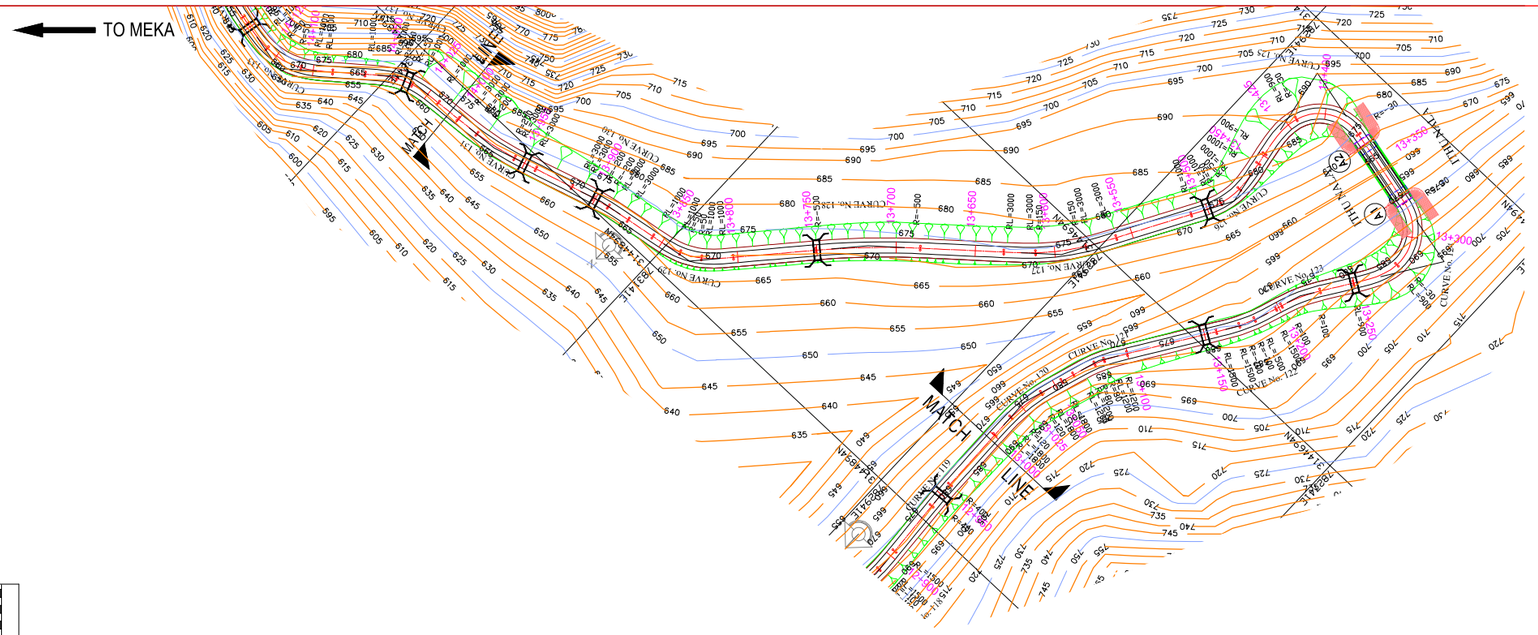
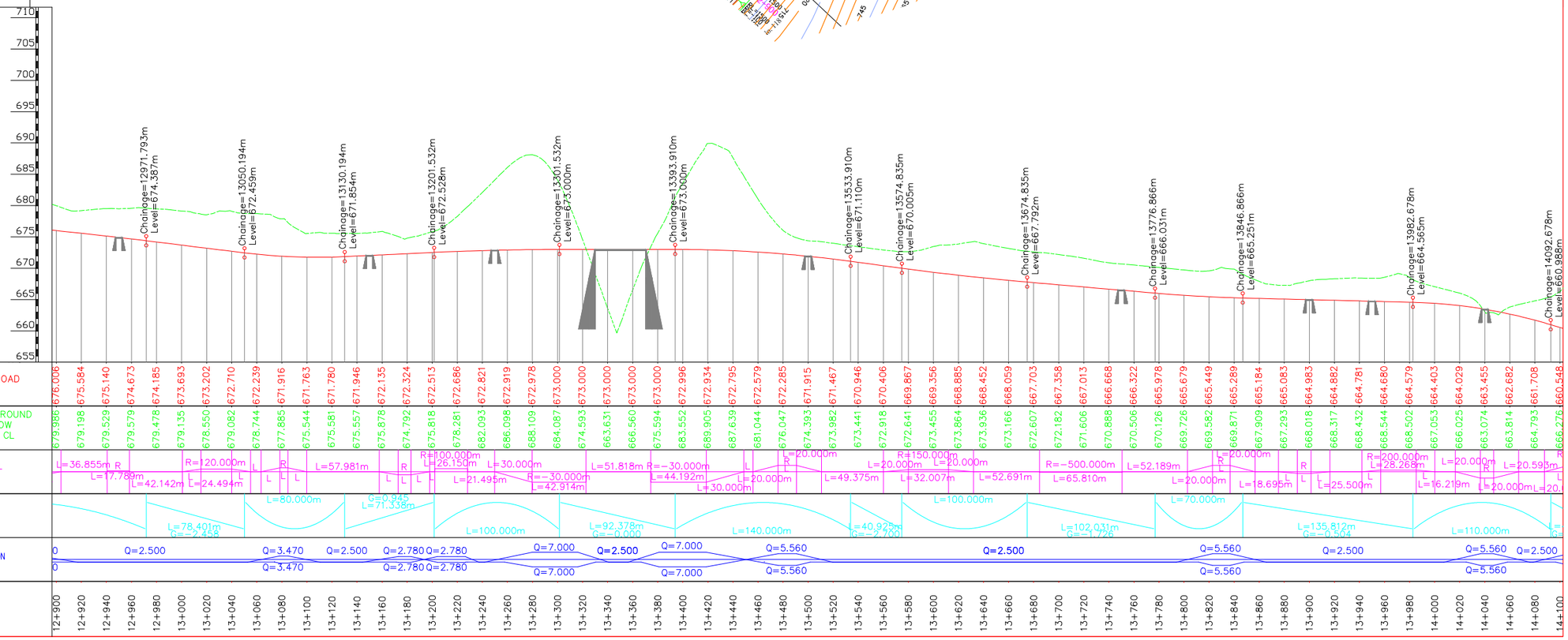
PLAN & PROFILE
(Km 12+000 to Km 13+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-193





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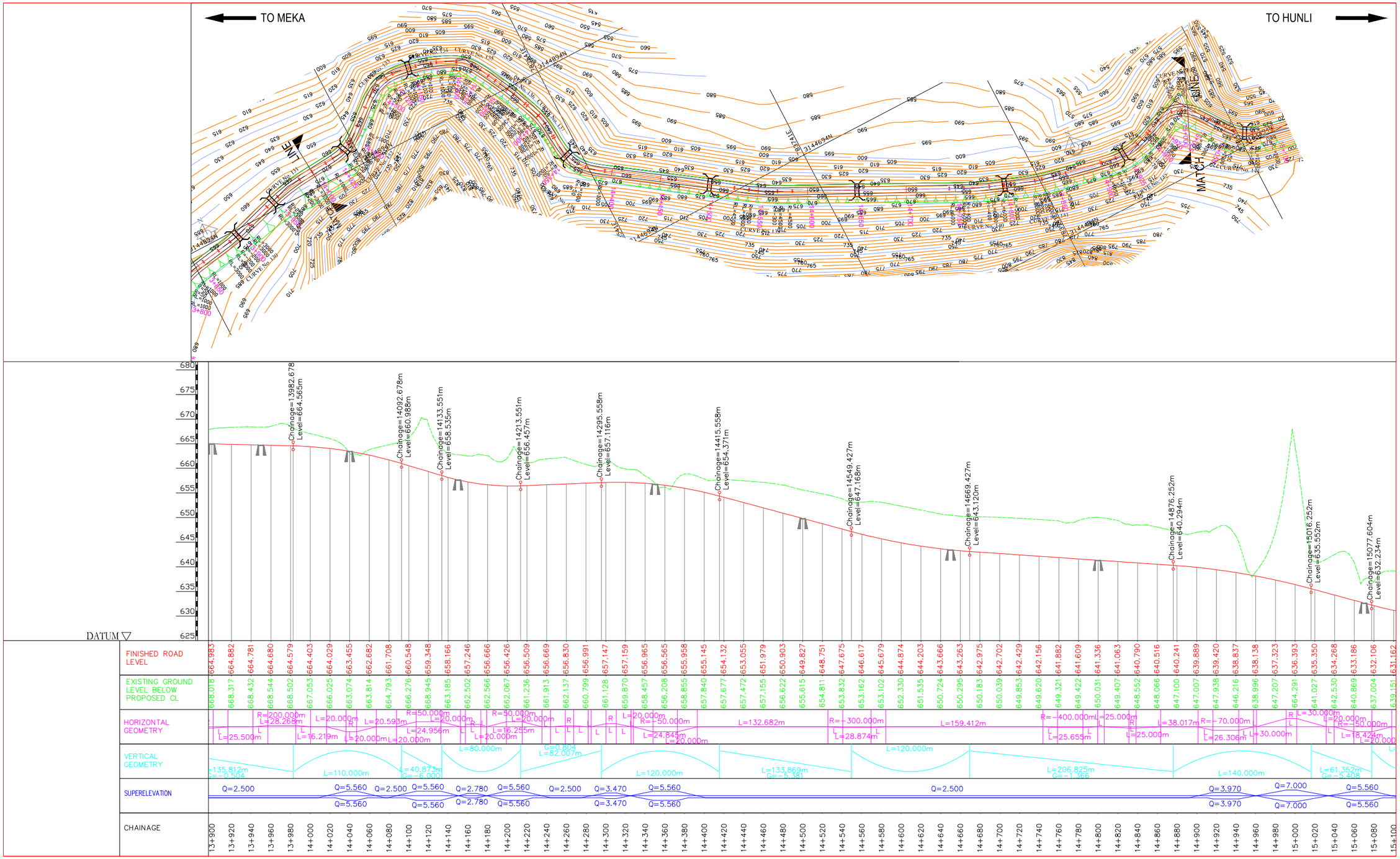
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 13+000 to Km 14+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-194



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BORDER ROADS ORGANISATION

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MEKA-ROING-HUNLI ROAD

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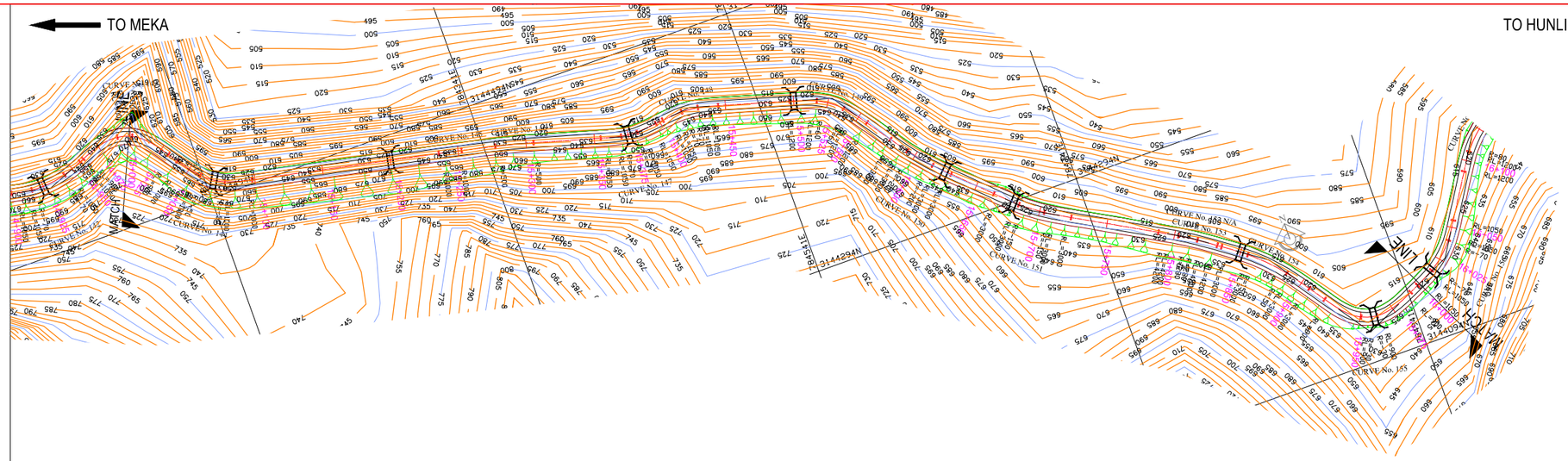
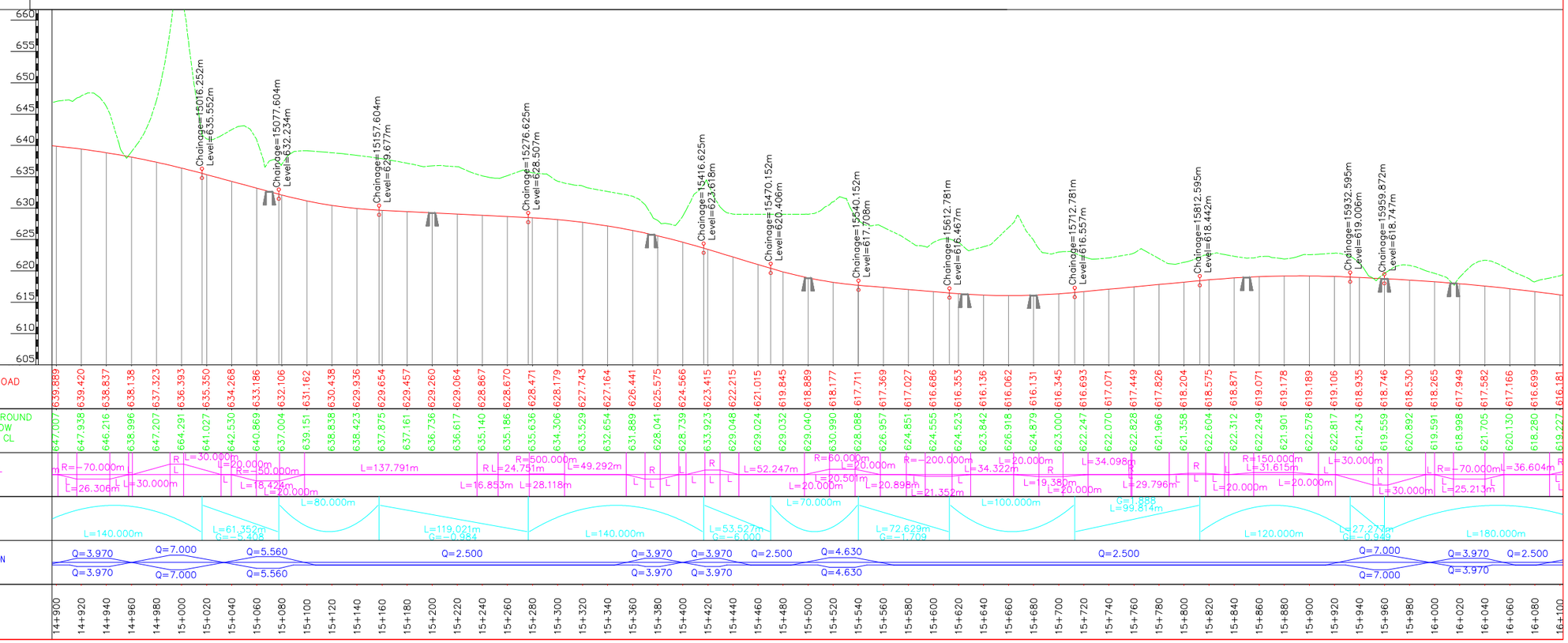
PLAN & PROFILE
(Km 14+000 to Km 15+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-195





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BORDER ROADS ORGANISATION

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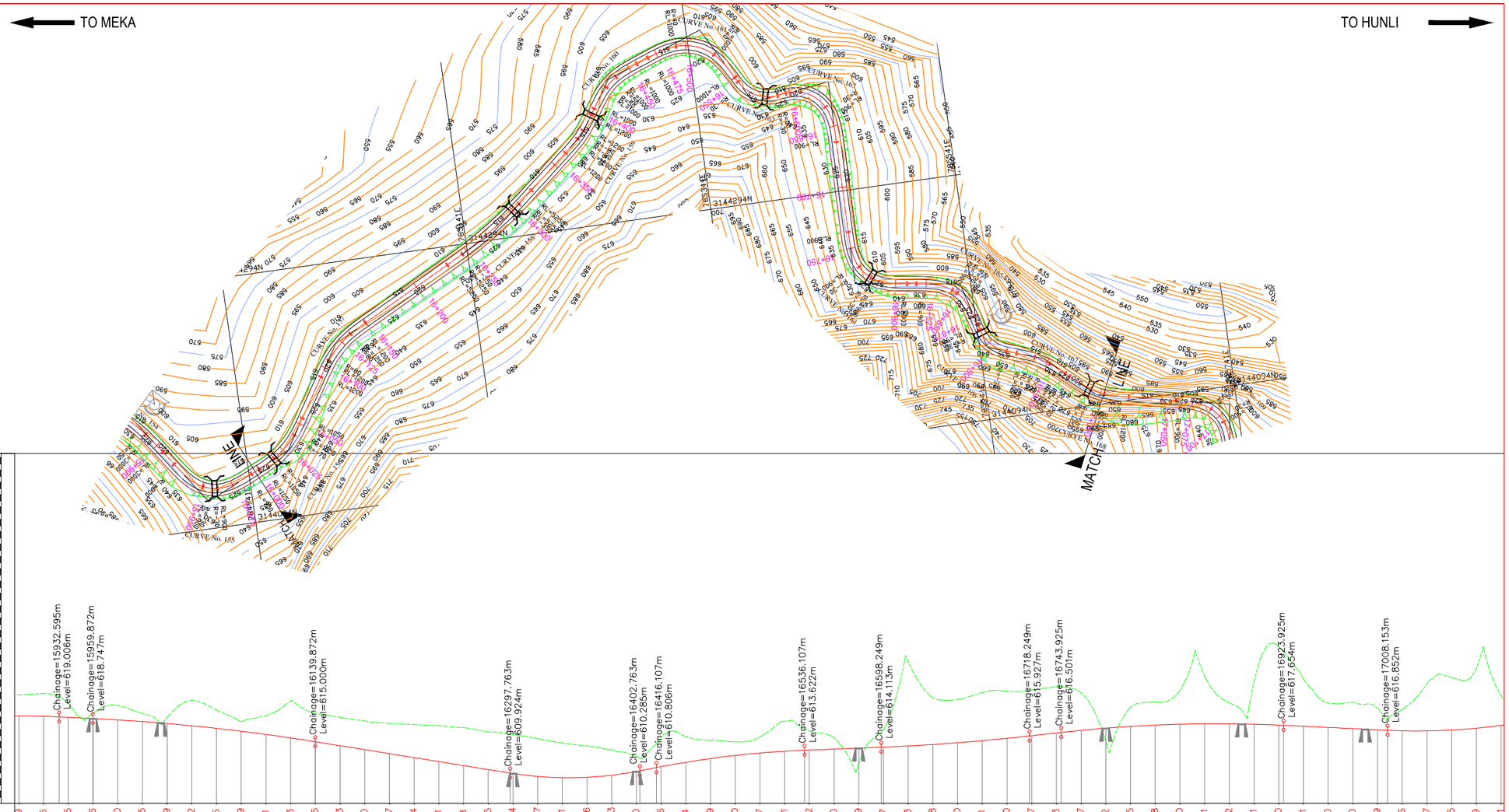
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 15+000 to Km 16+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-196



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BORDER ROADS ORGANISATION

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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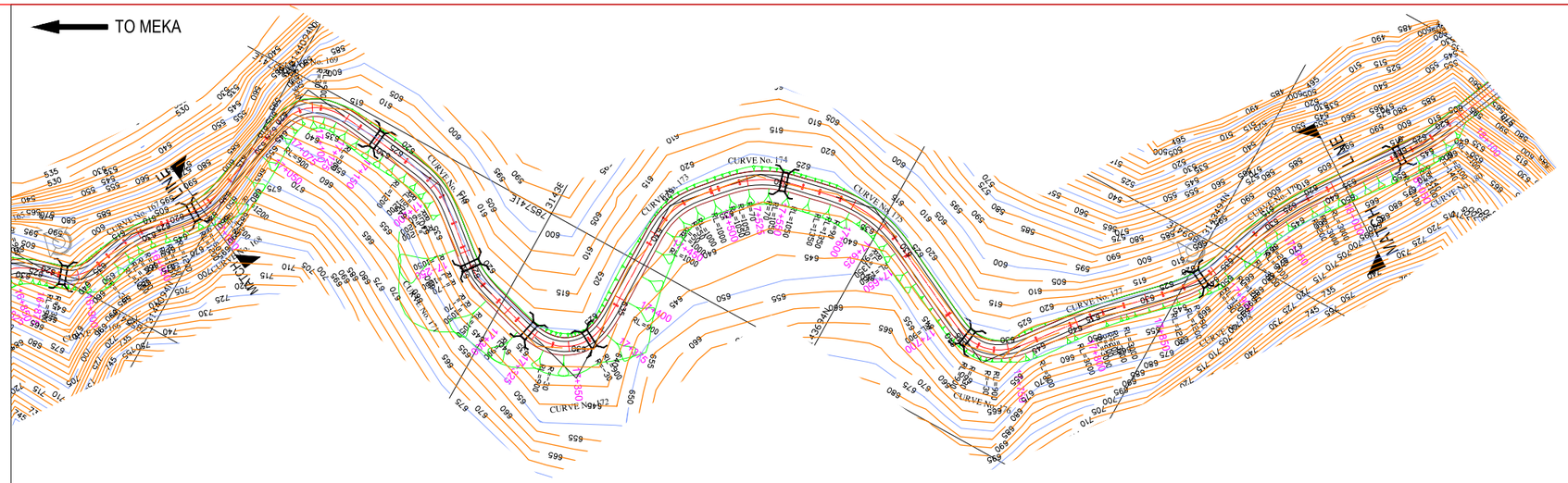
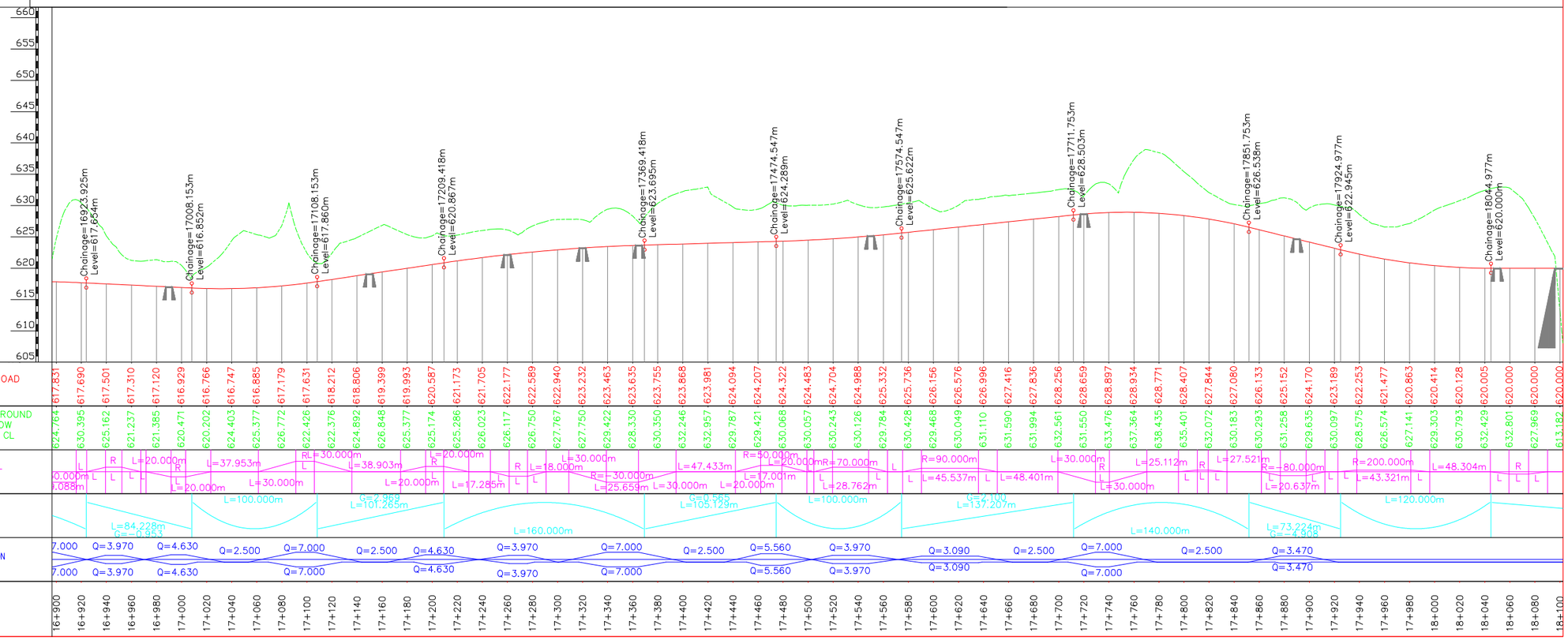
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 16+000 to Km 17+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-197





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BORDER ROADS ORGANISATION

XPLORER in JV with Stanley Consultants Inc.
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MEKA-ROING-HUNLI ROAD

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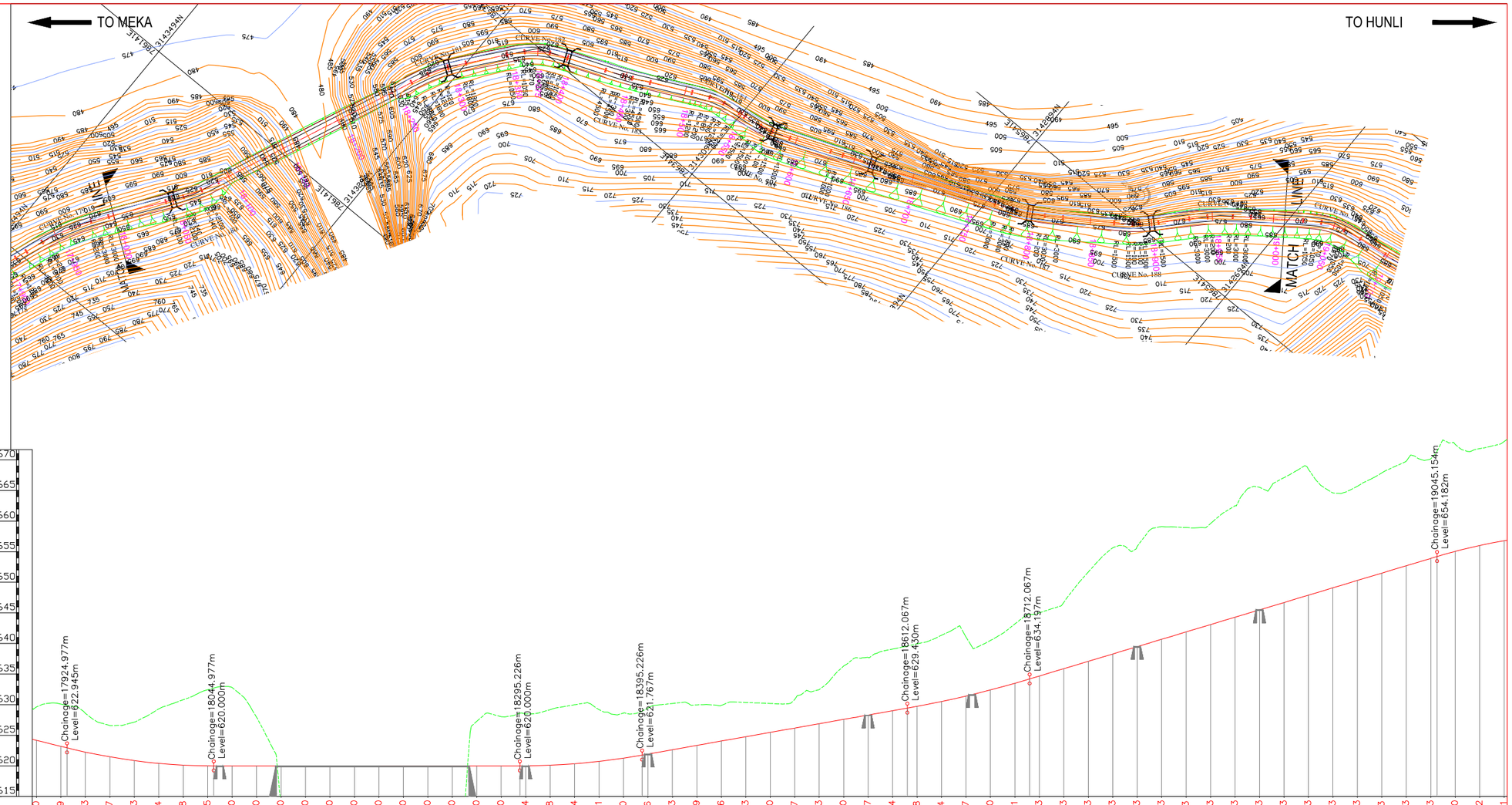
PLAN & PROFILE
(Km 17+000 to Km 18+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-198



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BORDER ROADS ORGANISATION

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Detailed Project Report for Improvement of Meka-Roing-Hunli Road to NH Double Lane Specifications in Dibang District of Arunachal Pradesh

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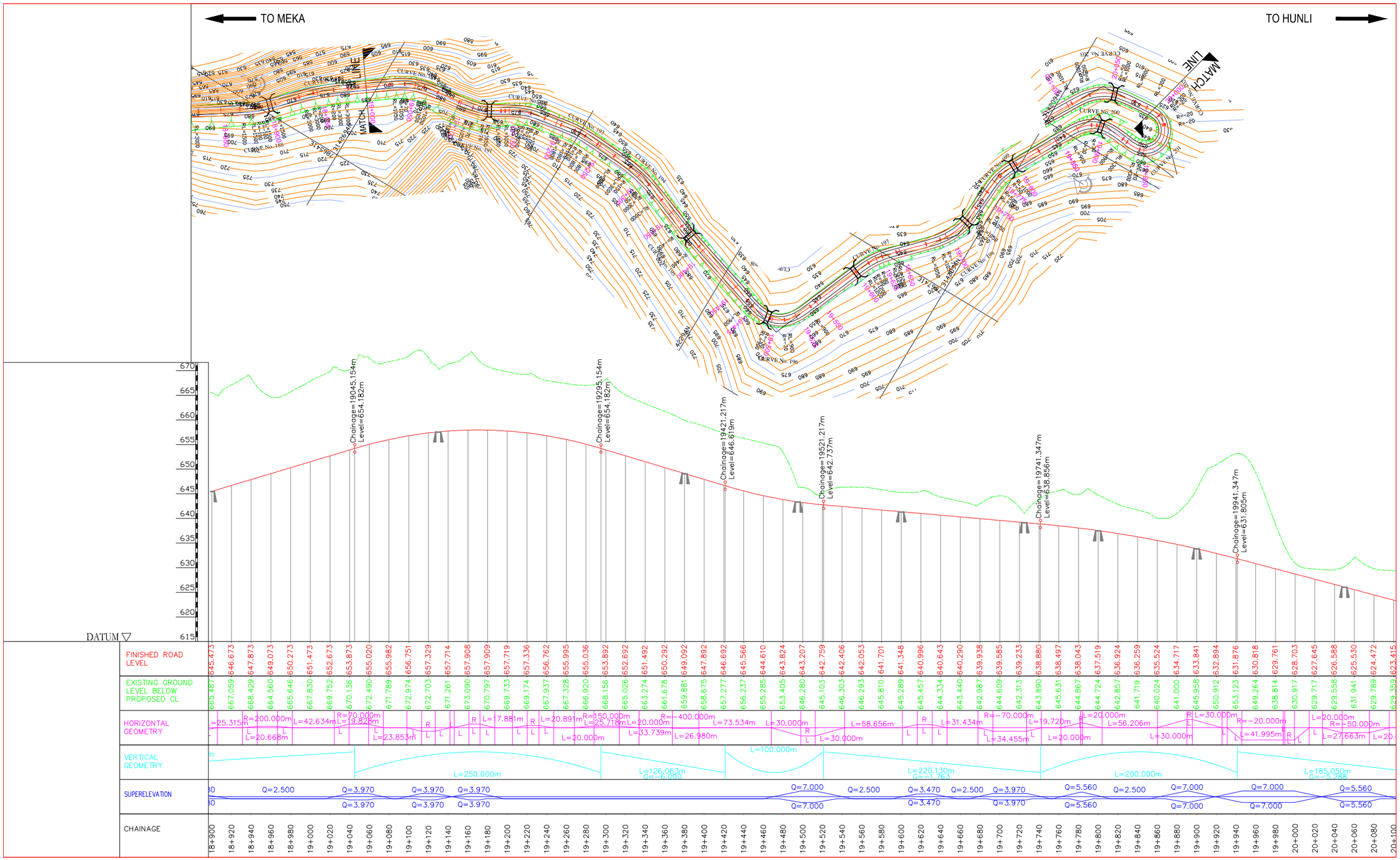
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 18+000 to Km 19+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-199



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BORDER ROADS ORGANISATION

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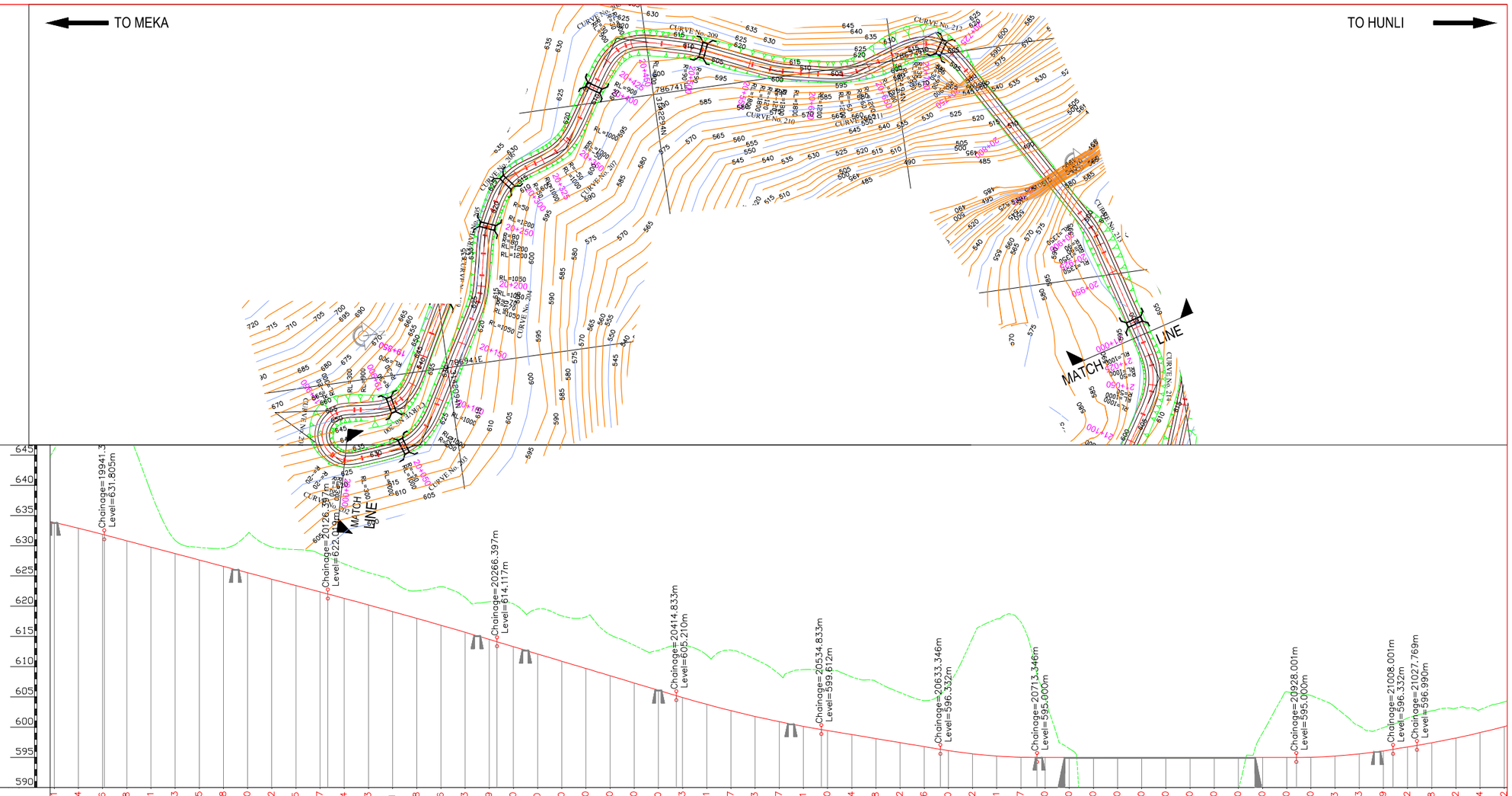
MEKA-ROING-HUNLI ROAD

DRAFT DETAILED PROJECT REPORT

PLAN & PROFILE
(Km 19+000 to Km 20+000)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-200



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PLAN & PROFILE
(Km 20+000 to Km 21+000)

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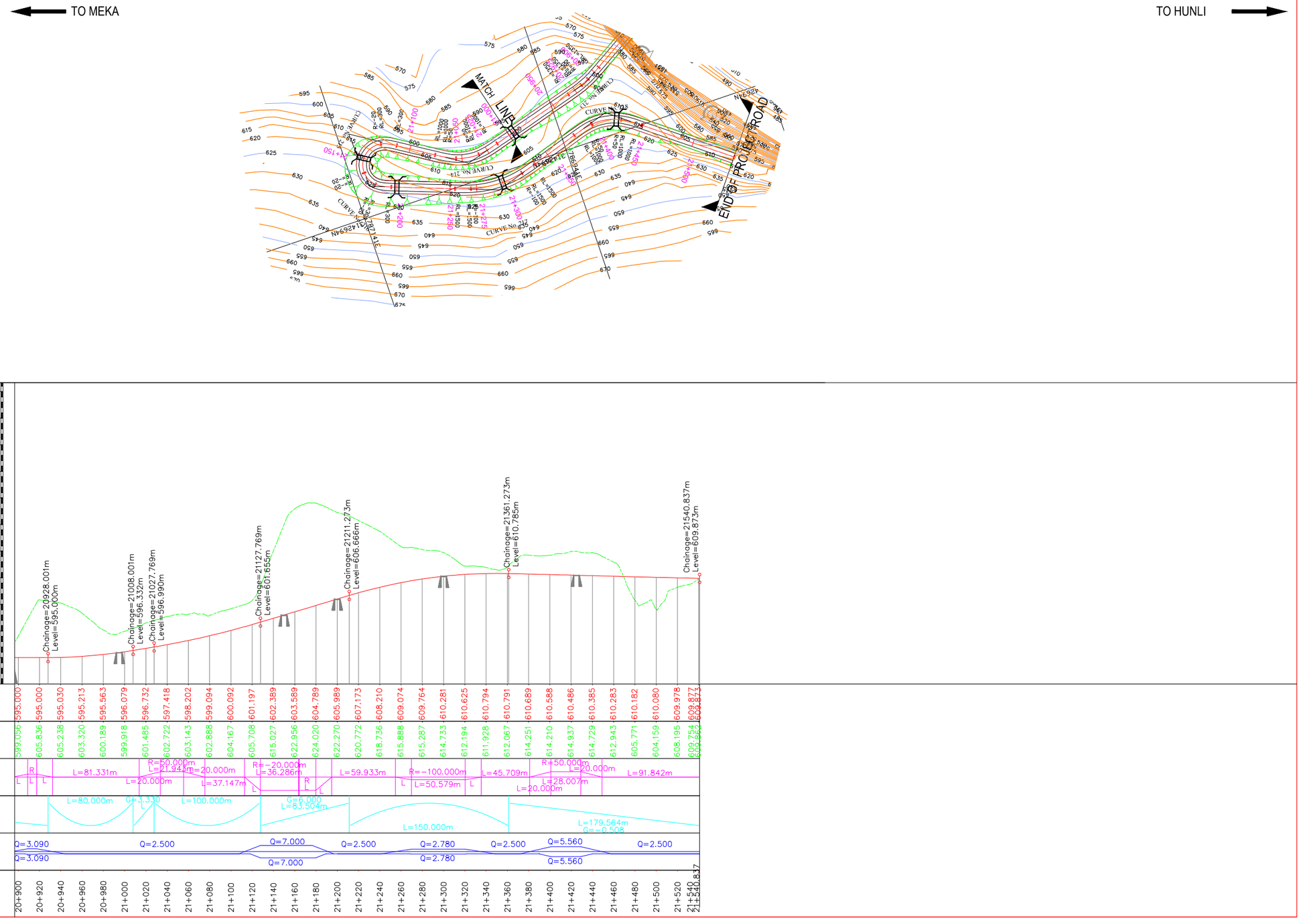

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PLAN & PROFILE
(Km 21+000 to Km 21+540.837)

Drg No: Xplorer-SCI/BRO/11193/DDPR/ P&P-202