BORDER ROAD ORGAISATION UDAYAK PROJECT

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of KAYING - TATO ROAD from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section II : KAYING - TATO

Drawings Volume - IX

Final Detailed Project Report (Version - I)

Detailed Cross Section

(October - 2021)

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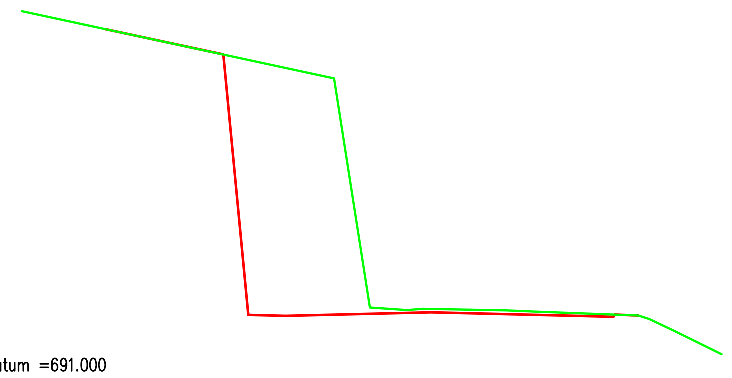

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Design Width	2.843 0.600 0.900 3.500 3.500 0.900 0.026
Exi. Ground Levels	698.622 693.103 693.039 693.071 693.033 693.002 692.909 692.822 692.548
Exi. Ground Offset	-2.333 -1.464 -0.576 -0.190 1.831 2.552 4.995 5.261 5.845

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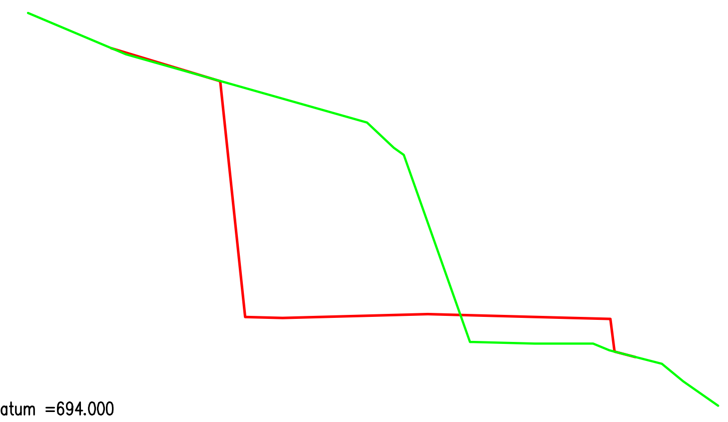

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Design Width	2.633 0.600 0.900 3.500 3.500 0.900 0.099
Exi. Ground Levels	703.242 701.599 700.993 700.827 696.376 696.326 696.291 696.290 696.290 696.122 695.798 695.378
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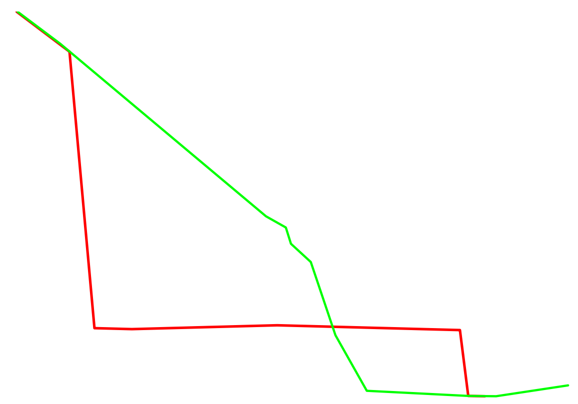

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Design Width	4.406 0.600 0.900 3.500 3.500 0.900 0.199
Exi. Ground Levels	711.392 707.789 703.627 703.360 702.963 702.527 700.762 699.422 699.295 699.287
Exi. Ground Offset	-10.000 -5.230 -0.272 0.204 0.330 0.806 1.402 2.157 4.592 5.270

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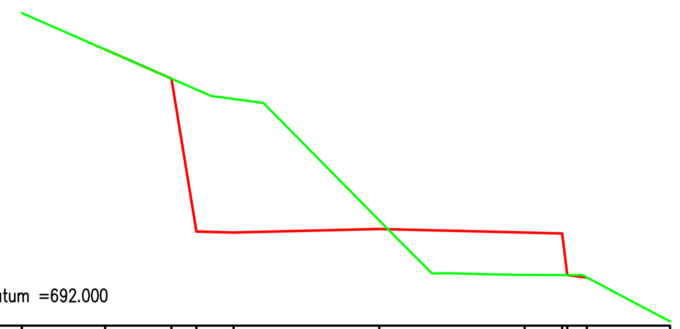

Level Datum =692.000

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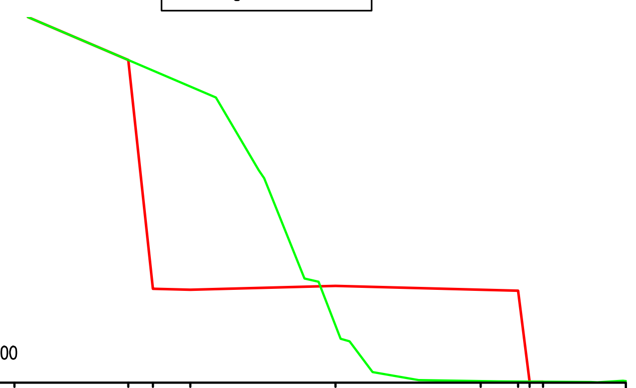
Design Width	1.594 0.600 0.900 3.500 3.500 0.900 0.125
Exi. Ground Levels	697.529 697.357 694.065 693.253 693.258 693.220 693.216 693.210
Exi. Ground Offset	-4.050 -2.783 0.466 1.271 1.621 3.108 4.391 4.888

Chainage =27350.000



Level Datum =696.000

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Design Width	2.738 0.600 0.900 3.500 3.500 0.900 0.274
Exi. Ground Levels	702.859 701.114 700.918 698.507 698.430 697.059 696.997 696.256 696.063 696.030 696.020 696.011 696.046
Exi. Ground Offset	-2.887 -1.848 -1.722 -0.747 -0.413 0.122 0.339 0.895 1.999 3.927 6.151 6.313 6.929

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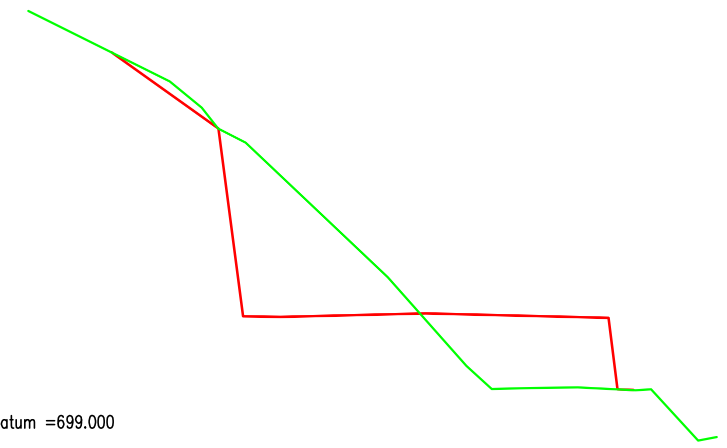

Level Datum =699.000

Design Levels	708.612 706.777 702.266 702.244 702.331 702.244 702.221 700.506 700.487
Design Offset	-7.573 -5.000 -4.400 -3.500 -0.000 3.500 4.400 4.614 5.000
Design Width	2.573 0.600 0.900 3.500 3.500 0.900 0.214
Exi. Ground Levels	707.910 707.278 706.778 706.443 703.205 701.071 700.512 700.539 700.554 700.485 700.509 699.270
Exi. Ground Offset	-6.168 -5.398 -5.002 -4.339 -0.922 0.977 1.584 2.527 3.657 5.041 5.419 6.554

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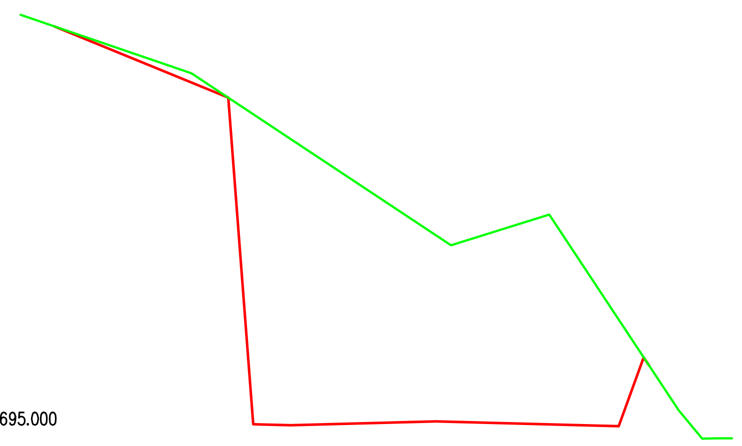

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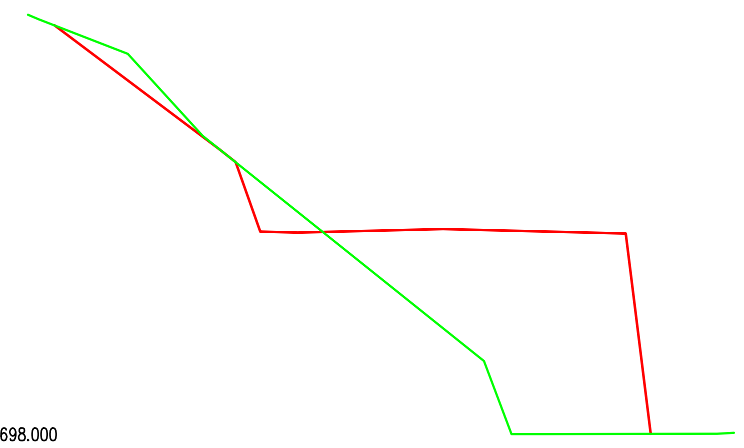
Design Offset	-9.197 -5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.150
Design Width	4.197 0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	705.462 704.055 699.905 700.645 695.925 695.241 695.248
Exi. Ground Offset	-10.000 -5.888 0.365 2.727 5.845 6.414 6.761

Chainage =27400.000

Level Datum =696.000

Design Levels	708.597 699.597 699.574 699.662 699.574 699.552 697.893 697.895
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.607 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.207
Exi. Ground Levels	707.649 701.016 700.029 699.869 697.892 697.898 697.513
Exi. Ground Offset	-3.730 0.099 1.520 2.802 4.460 5.386 6.188

Chainage =27550.000



Level Datum =698.000

Design Levels	708.563 705.593 705.276 703.601 703.578 703.666 703.578 703.556 698.740 698.740
Design Offset	-9.362 -5.396 -5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.002
Design Width	3.967 0.396 0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	708.825 708.712 707.883 705.911 700.489 698.735 698.736 698.742 698.740
Exi. Ground Offset	-10.000 -9.747 -7.596 -5.794 0.984 1.645 2.429 6.456 6.593

Chainage =27700.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 01		Sheet : 01 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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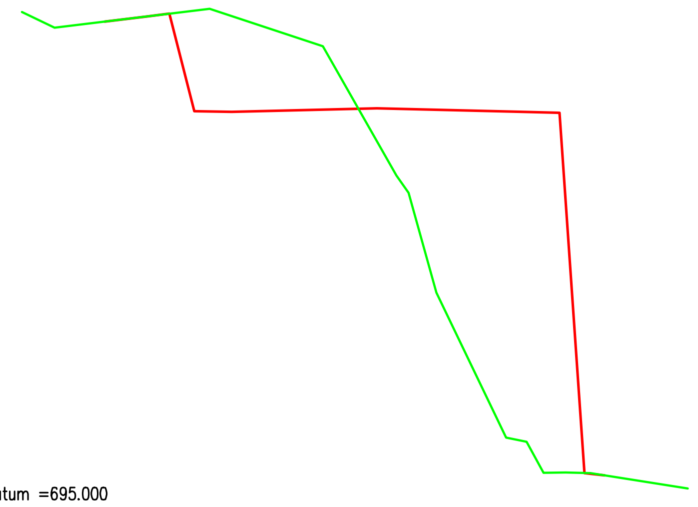
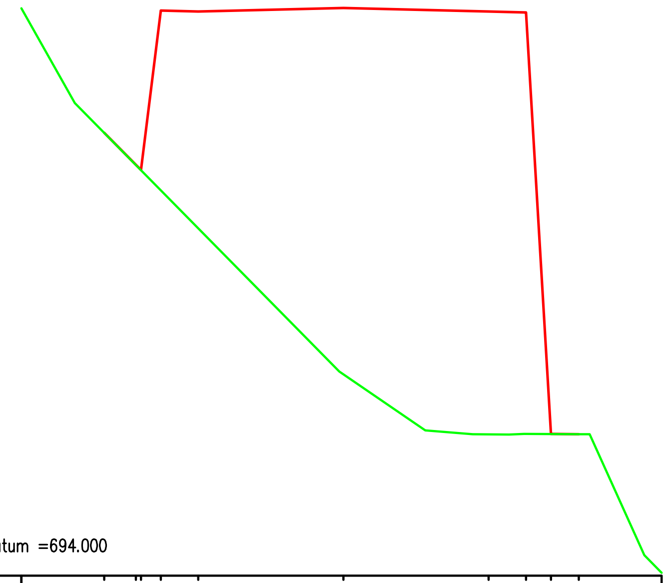
PH:0120-2400144



Level Datum =695.000

Design Levels	707.090 · 707.215 · 707.281 · 704.936 · 704.913 · 705.001 · 704.913 · 704.891 · 696.220 · 696.163
Design Offset	−6.555 · −5.540 · −5.000 · −4.400 · −3.500 · −0.000 · 3.500 · 4.400 · 5.000 · 5.491
Design Width	1.015 · 0.540 · 0.600 · 0.900 · 3.500 · 3.500 · 0.900 · 0.600 · 0.491
Exi. Ground Levels	706.942 · 707.400 · 706.494 · 703.387 · 702.965 · 700.563 · 697.075 · 696.970 · 696.227 · 696.232 · 696.216
Exi. Ground Offset	−7.769 · −4.027 · −1.303 · 0.470 · 0.764 · 1.437 · 3.118 · 3.612 · 4.014 · 4.547 · 5.148

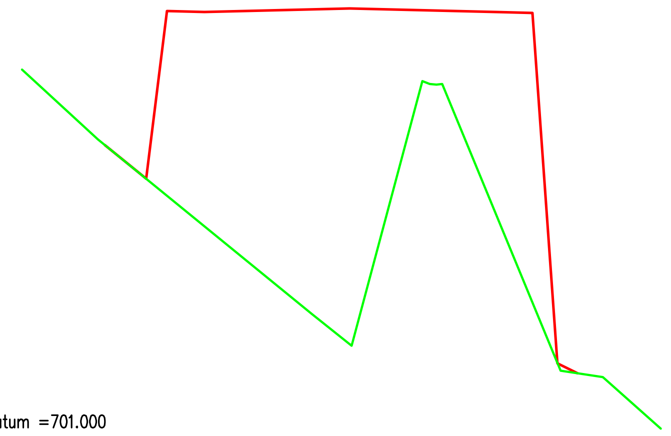
Chainage =27750.000



Level Datum =694.000

Design Levels	704.663 · 703.889 · 703.767 · 707.605 · 707.583 · 707.670 · 707.583 · 707.560 · 697.409 · 697.405
Design Offset	−5.762 · −5.000 · −4.880 · −4.400 · −3.500 · −0.000 · 3.500 · 4.400 · 5.000 · 5.669
Design Width	0.762 · 0.480 · 0.900 · 3.500 · 3.500 · 0.900 · 0.600 · 0.669
Exi. Ground Levels	705.381 · 698.912 · 697.495 · 697.405 · 697.399 · 697.413 · 697.405 · 697.403 · 694.486
Exi. Ground Offset	−6.470 · −0.098 · 1.976 · 3.118 · 3.995 · 4.353 · 5.792 · 5.931 · 7.254

Chainage =27850.000



Level Datum =701.000

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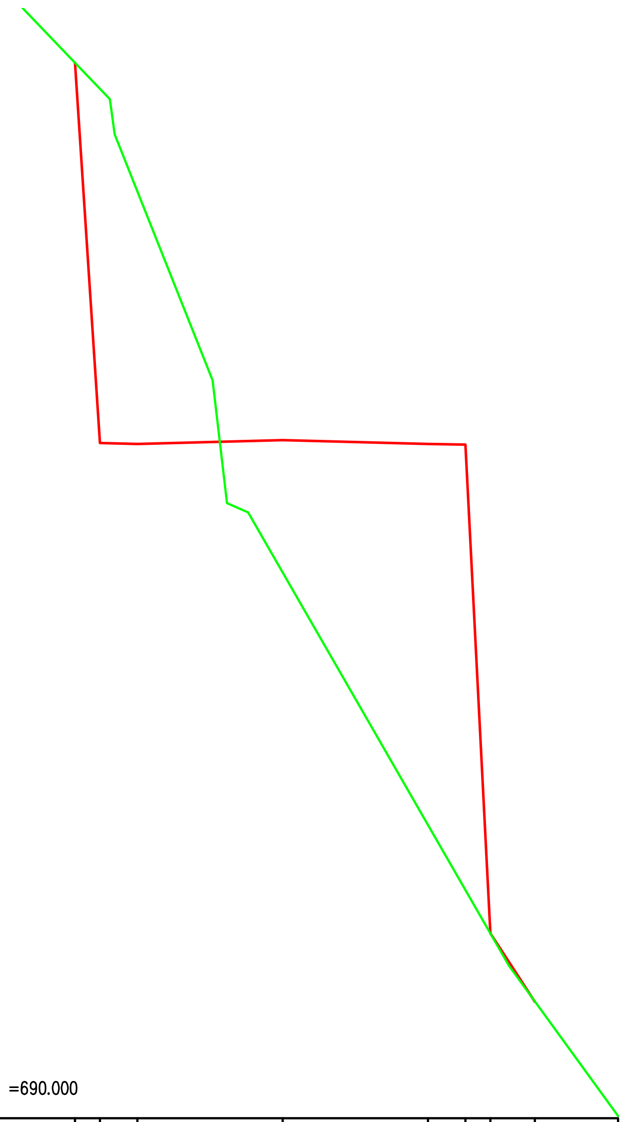
Design Offset	−5.895 · −5.000 · −4.905 · −4.400 · −3.500 · −0.000 · 3.500 · 4.400 · 5.000 · 5.485
Design Width	0.895 · 0.095 · 0.900 · 3.500 · 3.500 · 0.900 · 0.600 · 0.485
Exi. Ground Levels	708.523 · 704.313 · 703.547 · 709.919 · [illegible] · [illegible] · 709.849 · 702.949 · 702.794
Exi. Ground Offset	−6.072 · −0.915 · 0.043 · 1.748 · 2.084 · [illegible] · 2.222 · 5.074 · 6.093

Chainage =28000.000



Level Datum =690.000

Design Levels	715.434 · 706.270 · 706.248 · 706.335 · 706.248 · 706.225 · 694.452 · 692.806
Design Offset	−5.000 · −4.400 · −3.500 · 0.000 · 3.500 · 4.400 · 5.000 · 6.077
Design Width	0.600 · 0.900 · 3.500 · 3.500 · 0.900 · 0.600 · 1.077
Exi. Ground Levels	714.555 · 713.705 · 707.896 · 704.930 · 704.595 · 693.671
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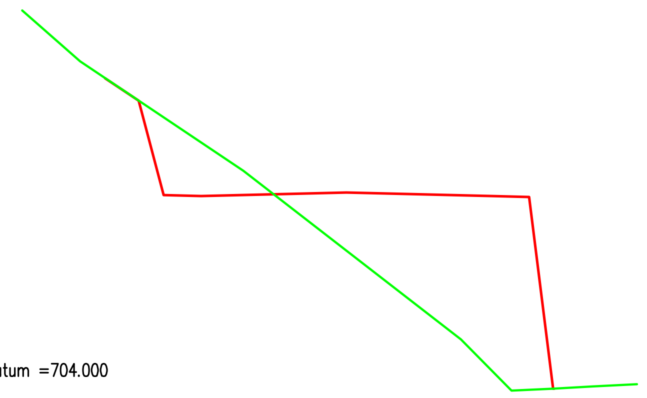
Chainage =27800.000



Level Datum =704.000

Design Levels	711.756 · 711.215 · 708.940 · 708.917 · 709.005 · 708.917 · 708.895 · 704.275 · 704.277
Design Offset	−5.808 · −5.000 · −4.400 · −3.500 · 0.000 · 3.500 · 4.400 · 4.977 · 5.000
Design Width	0.808 · 0.600 · 0.900 · 3.500 · 3.500 · 0.900 · 0.577
Exi. Ground Levels	712.161 · 709.525 · 705.463 · 704.228 · 704.276 · 704.331
Exi. Ground Offset	−6.412 · −2.477 · 2.759 · 3.979 · 4.982 · 5.927

Chainage =27900.000

Level Datum =710.000

Design Levels	719.592 · 719.336 · 710.275 · 710.252 · 710.340 · 710.252 · 710.230 · 718.411 · 715.476
Design Offset	−9.059 · −5.000 · −4.400 · −3.500 · −0.000 · 3.500 · 4.400 · 5.000 · 7.023
Design Width	4.059 · 0.600 · 0.900 · 3.500 · 3.500 · 0.900 · 0.600 · 2.023
Exi. Ground Levels	719.497 · 719.829 · 718.829 · 717.885 · 716.528 · 717.150 · 715.373 · 718.651 · 718.320 · 711.281
Exi. Ground Offset	−10.000 · −6.723 · −3.229 · −2.280 · −1.350 · −1.155 · 0.101 · 0.271 · 6.775 · 7.388

Chainage =27950.000

Level Datum =703.000

Design Levels	717.519 · 716.368 · 712.944 · 712.921 · 713.009 · 712.921 · 712.899 · 703.751 · 703.744
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Design Width	1.687 · 0.600 · 0.900 · 3.500 · 3.500 · 0.900 · 0.600 · 0.544
Exi. Ground Levels	717.619 · 714.441 · 706.695 · 706.077 · 704.631 · 703.754 · 703.751 · 703.750 · 703.710 · 703.705
Exi. Ground Offset	−6.834 · −2.173 · 0.540 · 0.617 · 2.182 · 3.705 · 4.019 · 5.326 · 6.754 · 6.822

Chainage =28050.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 02
Sheet :	02 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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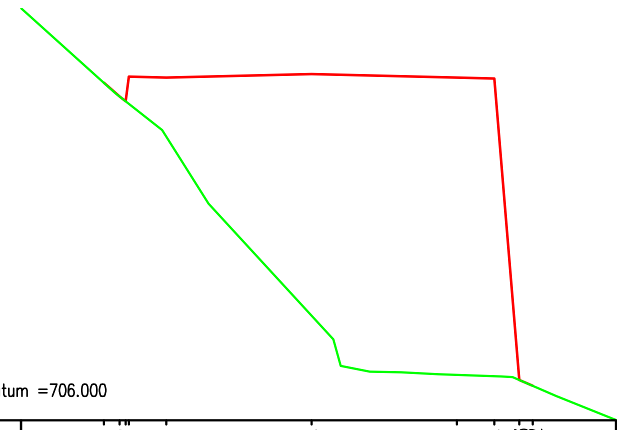
PH:0120-2400144



Level Datum =706.000

Design Levels	714.128, 713.798, 713.778, 714.279, 714.256, 714.344, 714.256, 714.234, 706.973, 706.832
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Design Width	0.378, 0.900, 3.500, 3.500, 0.900, 0.600, 0.325
Exi. Ground Levels	713.876, 712.988, 711.219, 707.949, 707.314, 707.175, 707.160, 707.111, 707.056, 707.044, 706.588
Exi. Ground Offset	-4.721, -3.596, -2.480, 0.520, 0.703, 1.401, 2.158, 3.043, 4.569, 4.838, 5.887

Chainage =28100.000

Level Datum =715.000

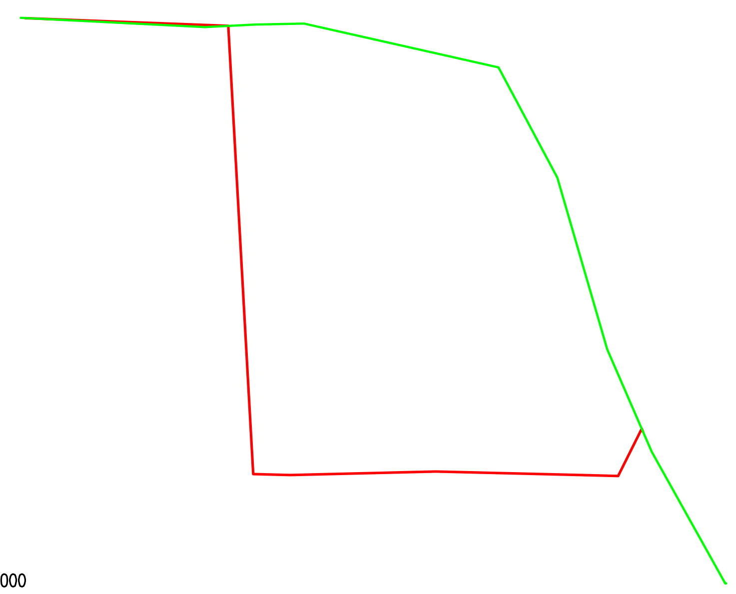
Design Levels	727.736, 715.613, 715.591, 715.678, 715.591, 715.568, 722.591, 720.901
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.066
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.066
Exi. Ground Levels	725.474, 722.125, 719.073
Exi. Ground Offset	-2.308, 6.180, 8.390

Chainage =28150.000

Level Datum =713.000

Design Levels	724.937, 720.215, 716.948, 716.926, 717.013, 716.926, 716.903, 713.661, 713.660
Design Offset	-8.395, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.805, 5.000
Design Width	3.395, 0.600, 0.900, 3.500, 3.500, 0.900, 0.405
Exi. Ground Levels	727.604, 723.531, 721.586, 717.240, 716.112, 715.817, 713.829, 713.434, 713.511, 713.460, 713.457, 713.669, 713.661, 713.660, 713.689, 713.688, 713.661
Exi. Ground Offset	-10.000, -7.548, -5.482, -3.954, -3.611, -3.445, -1.681, -0.382, -0.119, 0.269, 0.360, 3.098, 4.821, 5.055, 5.246, 5.346, 5.669

Chainage =28200.000



Level Datum =715.000

Design Levels	729.273, 729.085, 718.283, 718.260, 718.348, 718.260, 718.238, 719.375, 719.303
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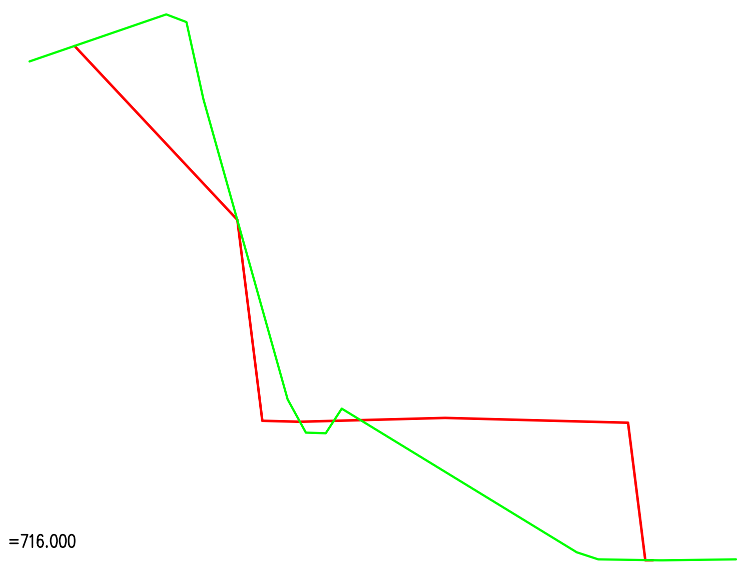
Design Width	4.895, 0.600, 0.900, 3.500, 3.500, 0.900, 0.569
Exi. Ground Levels	729.278, 729.055, 729.120, 729.139, 728.083, 725.427, 721.291, 718.823, 715.651
Exi. Ground Offset	-10.000, -5.561, -4.354, -3.175, 1.517, 2.932, 4.136, 5.208, 6.978

Chainage =28250.000



Level Datum =716.000

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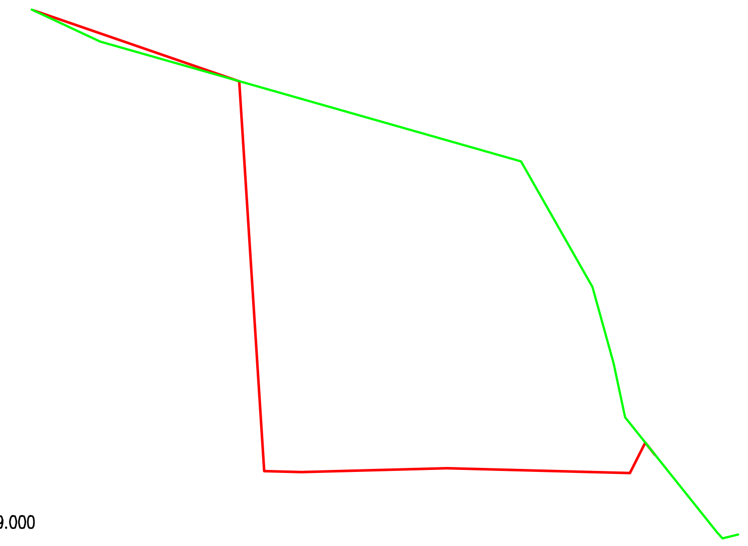
Design Offset	-8.912, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.814, 5.000
Design Width	3.912, 0.600, 0.900, 3.500, 3.500, 0.900, 0.414
Exi. Ground Levels	728.268, 729.399, 729.215, 727.363, 720.129, 719.328, 719.315, 719.905, 716.448, 716.281, 716.252, 716.253
Exi. Ground Offset	-10.000, -6.712, -6.225, -5.814, -3.790, -3.354, -2.876, -2.485, 3.168, 3.683, 5.152, 5.241

Chainage =28300.000



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Design Offset	-9.940, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.766, 5.000
Design Width	4.940, 0.600, 0.900, 3.500, 3.500, 0.900, 0.366
Exi. Ground Levels	732.061, 731.284, 728.404, 725.380, 723.546, 722.247, 719.476, 719.331
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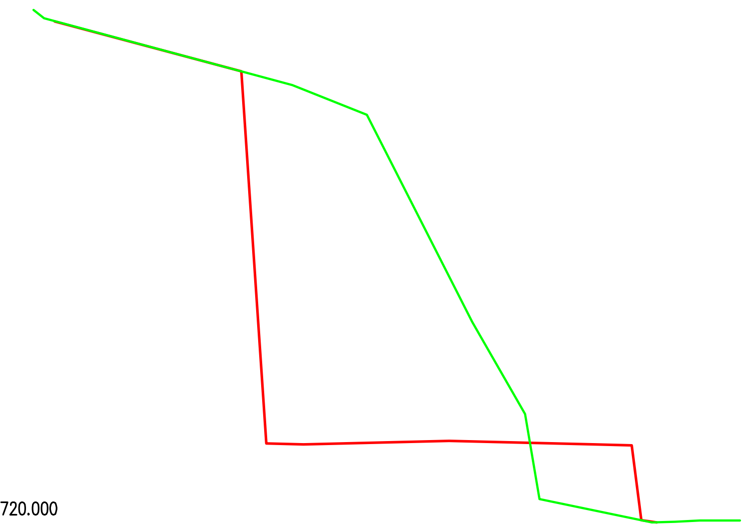
Chainage =28350.000



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Design Levels	732.466, 731.258, 722.287, 722.264, 722.352, 722.264, 722.242, 720.439, 720.389
Design Offset	-9.490, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.625, 5.000
Design Width	4.490, 0.600, 0.900, 3.500, 3.500, 0.900, 0.225
Exi. Ground Levels	732.742, 732.536, 730.928, 730.211, 725.221, 723.002, 720.953, 720.386, 720.403, 720.430
Exi. Ground Offset	-10.000, -9.748, -3.771, -1.978, 0.561, 1.829, 2.179, 4.879, 5.438, 6.038

Chainage =28400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 03			Sheet : 03 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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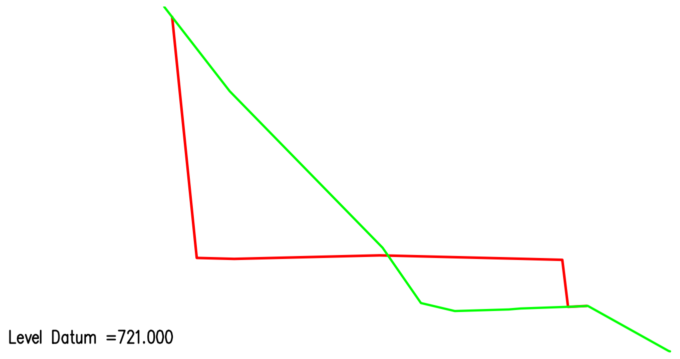
PH:0120-2400144

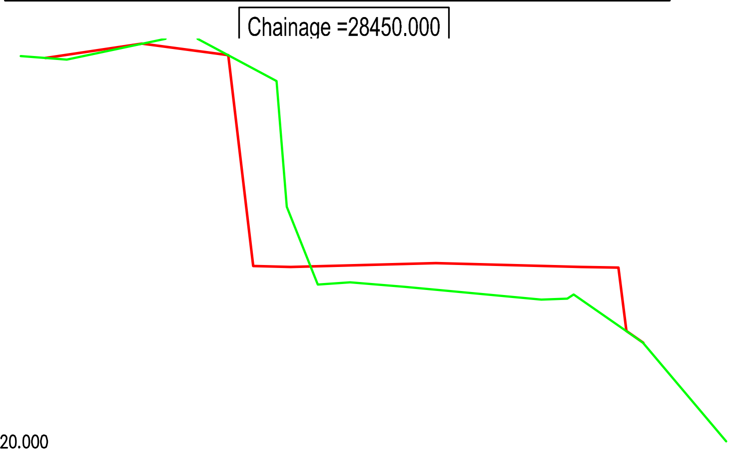
Level Datum =721.000



Design Levels	729.428 723.622 723.599 723.687 723.599 723.577 722.445 722.465
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.541 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.141
Exi. Ground Levels	727.642 723.873 722.539 722.346 722.386 722.404 722.451 722.466 721.379
Exi. Ground Offset	-3.613 0.072 0.999 1.811 3.119 3.405 4.706 5.021 6.967

Chainage =28450.000

Level Datum =720.000



Design Levels	729.961 730.308 730.033 724.956 724.934 725.021 724.934 724.911 723.390 723.102
Design Offset	-9.405 -7.076 -5.000 -4.400 -3.500 -0.000 3.500 4.400 4.590 5.000
Design Width	2.329 2.076 0.600 0.900 3.500 3.500 0.900 0.190
Exi. Ground Levels	730.008 729.921 730.546 729.411 726.377 724.505 724.557 724.451 724.148 724.165 724.266 723.114
Exi. Ground Offset	-10.000 -8.890 -5.960 -3.835 -3.586 -2.843 -2.062 -0.754 2.547 3.169 3.322 4.989

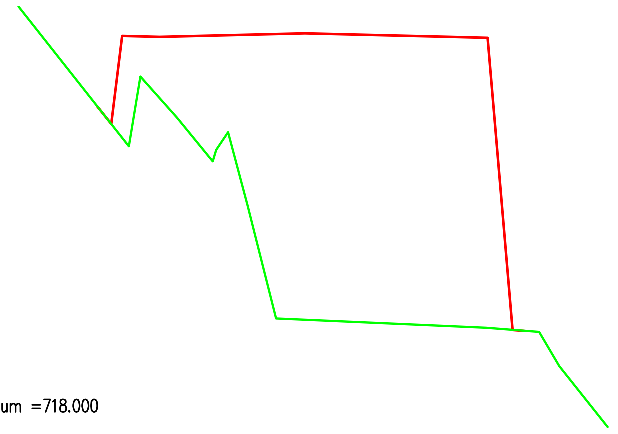
Chainage =28500.000

Level Datum =710.000

Design Levels	723.955 722.068 721.978 721.878 726.291 726.268 726.356 726.268 726.246 713.295 712.397
Design Offset	-5.481 -5.000 -4.952 -4.400 -3.500 -0.000 3.500 4.400 5.000 6.131
Design Width	0.481 0.552 0.900 3.500 3.500 0.900 0.600 1.131
Exi. Ground Levels	719.997 720.439 724.851 725.621 719.833 719.108 718.989 718.905 718.826 718.824 718.896 715.010
Exi. Ground Offset	-7.420 -6.902 -6.114 -5.906 -4.430 -4.176 -4.129 -2.367 -1.086 -0.960 0.389 2.839

Chainage =28550.000

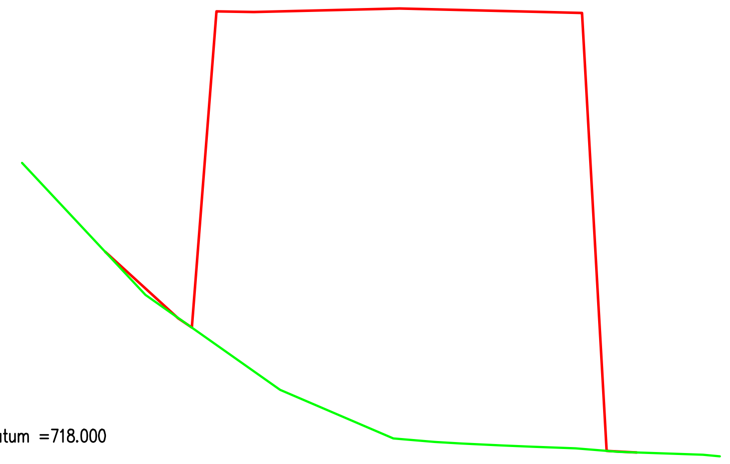
Level Datum =718.000



Design Levels	725.929 725.505 727.626 727.603 727.691 727.603 727.581 720.548 720.526
Design Offset	-5.000 -4.665 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.282
Design Width	0.335 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	724.970 726.650 725.663 724.604 725.304 723.543 720.824 720.597 720.499 719.675
Exi. Ground Offset	-4.242 -3.963 -3.081 -2.221 -1.852 -1.380 -0.694 4.360 5.634 6.124

Chainage =28600.000

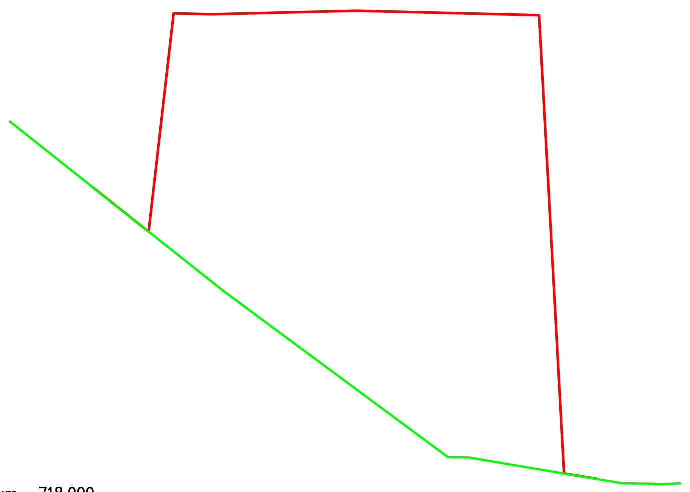
Level Datum =718.000



Design Levels	723.160 721.562 721.333 728.960 728.938 729.025 728.938 728.915 718.361 718.322
Design Offset	-7.086 -5.325 -5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.724
Design Width	1.761 0.325 0.600 0.900 3.500 3.500 0.900 0.600 0.724
Exi. Ground Levels	722.118 719.832 718.659 718.575 718.541 718.495 718.459 718.422 718.337 718.268
Exi. Ground Offset	-6.112 -2.871 -0.141 0.861 1.512 2.487 3.220 4.249 5.287 7.318

Chainage =28650.000

Level Datum =718.000



Design Levels	726.104 725.081 725.040 730.295 730.273 730.360 730.273 730.250 719.213 719.080
Design Offset	-6.340 -5.052 -5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.796
Design Width	1.289 0.052 0.900 3.500 3.500 0.900 0.600 0.796
Exi. Ground Levels	723.608 719.607 719.597 718.978 718.965 718.935
Exi. Ground Offset	-3.195 2.206 2.697 6.409 7.177 7.185

Chainage =28700.000

Level Datum =719.000

Design Levels	727.738 726.608 726.581 731.630 731.607 731.695 731.607 731.585 720.911 720.573
Design Offset	-6.202 -5.028 -5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.777
Design Width	1.174 0.028 0.900 3.500 3.500 0.900 0.600 0.777
Exi. Ground Levels	723.802 722.605 721.614 721.612 721.607 721.051 720.825
Exi. Ground Offset	-2.115 -0.954 0.167 0.472 0.708 4.489 5.316

Chainage =28750.000

Level Datum =717.000

Design Levels	727.495 727.009 726.970 732.965 732.942 733.030 732.942 732.920 719.919 718.981
Design Offset	-6.932 -5.144 -5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 6.142
Design Width	1.788 0.144 0.900 3.500 3.500 0.900 0.600 1.142
Exi. Ground Levels	727.596 726.085 725.533 720.678 721.902 721.925 720.404 720.474 720.469 717.984
Exi. Ground Offset	-7.301 -1.747 -1.402 -0.400 0.129 1.104 3.096 4.254 4.330 7.357

Chainage =28800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 04			Sheet : 04 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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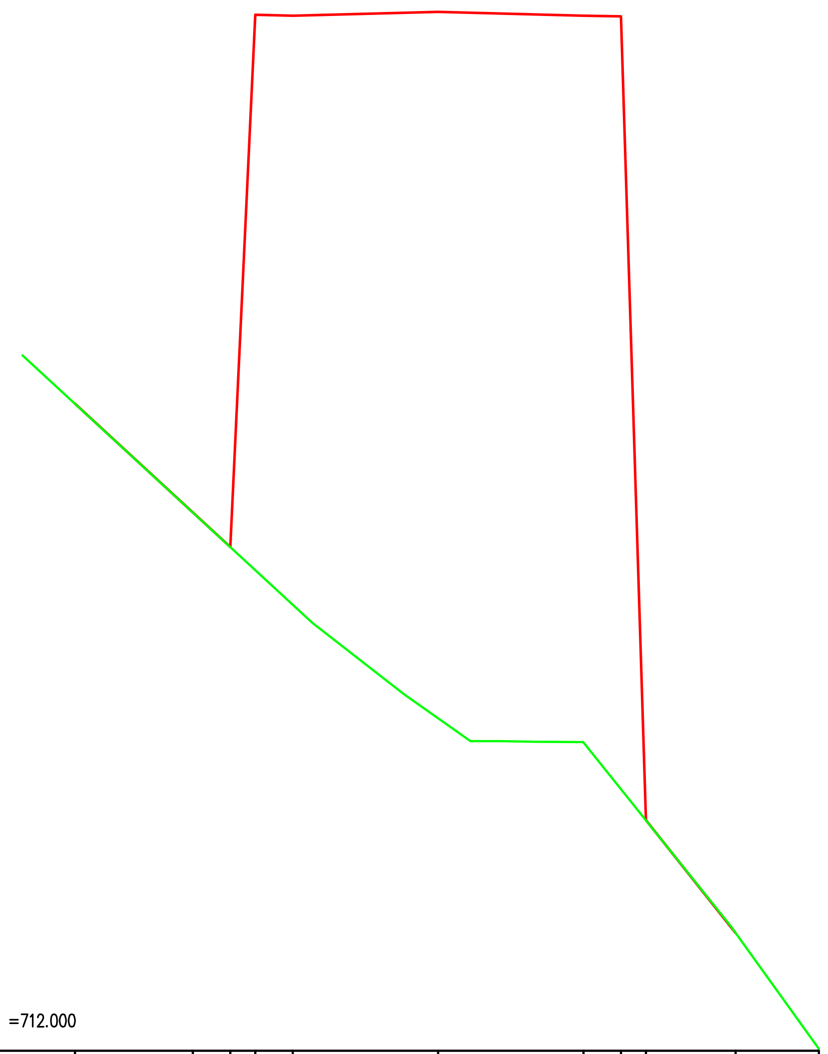
Level Datum =721.000

Design Levels	732.142, 731.759, 731.503, 734.299, 734.277, 734.364, 734.277, 734.254, 721.410, 721.468
Design Offset	−5.399, −5.000, −4.749, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.998
Design Width	0.399, 0.349, 0.900, 3.500, 3.500, 0.900, 0.600, 0.998
Exi. Ground Levels	732.693, 731.991, 730.971, 728.206, 724.994, 721.384, 721.405, 721.407, 721.410, 721.569, 721.571
Exi. Ground Offset	−6.025, −5.227, −4.227, −2.147, 0.531, 2.941, 4.327, 4.697, 5.057, 7.650, 7.681

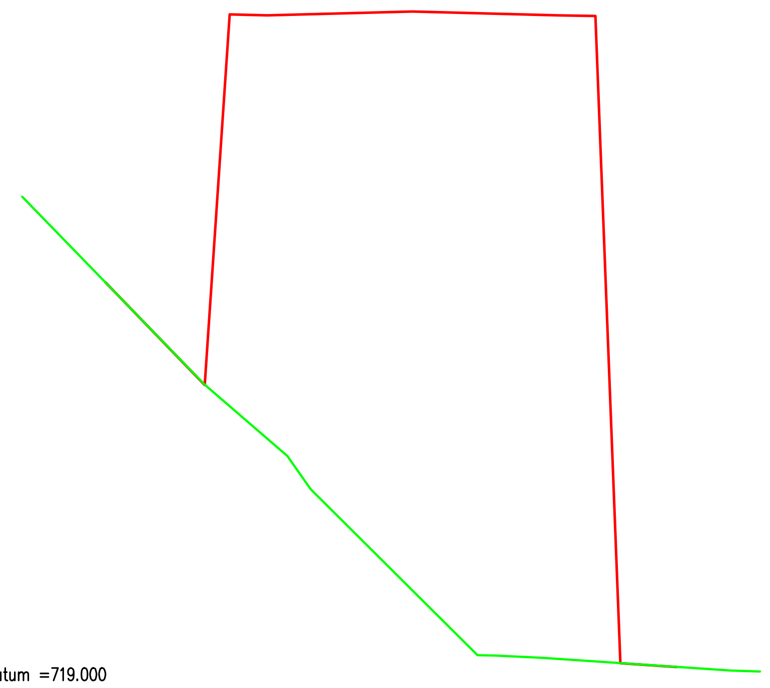
Chainage =28850.000



Level Datum =712.000

Design Levels	727.593, 724.968, 724.137, 736.969, 736.946, 737.034, 736.946, 736.924, 717.554, 714.834
Design Offset	−8.741, −5.900, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 7.161
Design Width	2.841, 0.900, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.161
Exi. Ground Levels	728.755, 722.312, 720.594, 719.460, 719.458, 719.445, 719.434, 715.022
Exi. Ground Offset	−10.000, −3.025, −0.825, 0.777, 1.489, 2.368, 3.495, 7.026

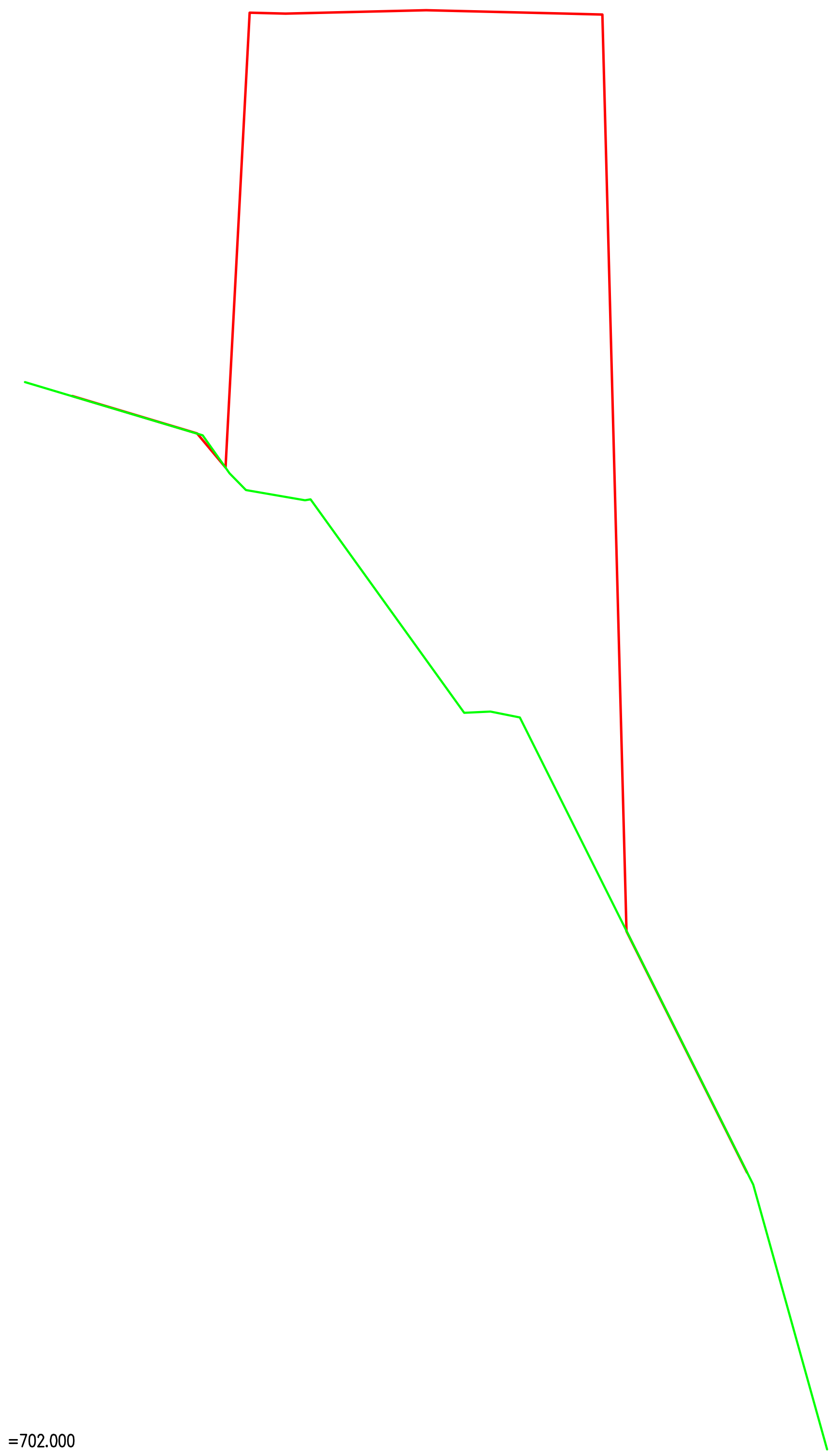
Chainage =28950.000



Level Datum =719.000

Design Levels	729.170, 727.171, 726.699, 735.634, 735.611, 735.699, 735.611, 735.589, 719.993, 719.900
Design Offset	−7.393, −5.458, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.361
Design Width	1.935, 0.458, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.361
Exi. Ground Levels	726.703, 724.985, 724.183, 720.183, 720.176, 720.124, 719.810
Exi. Ground Offset	−5.005, −3.009, −2.449, 1.565, 1.976, 3.101, 7.670

Chainage =28900.000



Level Datum =702.000

Design Levels	728.750, 727.817, 726.968, 738.303, 738.281, 738.368, 738.281, 738.258, 715.419, 709.402
Design Offset	−8.823, −5.711, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 8.007
Design Width	3.112, 0.711, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.007
Exi. Ground Levels	729.103, 727.775, 726.828, 726.407, 726.155, 726.181, 720.861, 720.888, 720.745, 709.103, 702.504
Exi. Ground Offset	−10.000, −5.571, −4.901, −4.491, −3.017, −2.880, 0.953, 1.603, 2.338, 8.156, 10.000

Chainage =29000.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section
Chainage :-
Drawing No. :- AIPPL/BRO/DPR/CS/ 05
Sheet : 05 of End
Scale :- NTS
Drng. | Dgn.by | Appd.by
Date: OCT-2021

CONSULTANT:

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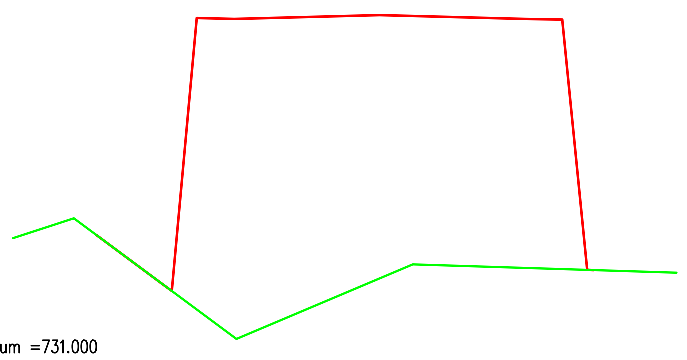
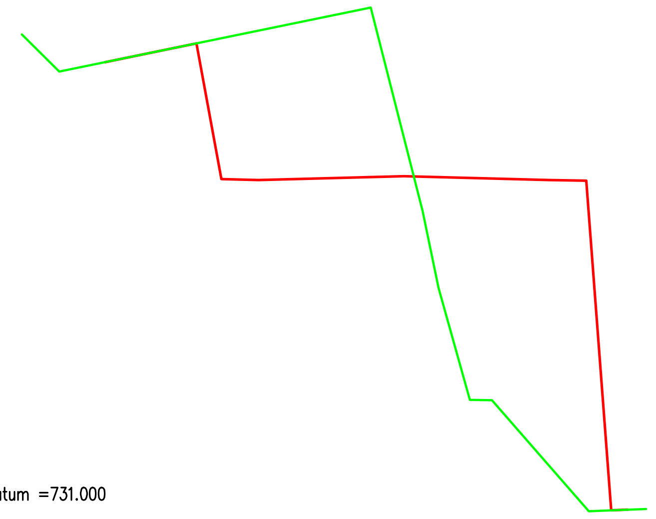


Level Datum =731.000

Row	Values
Design Levels	734.410 733.212 733.062 739.638 739.616 739.703 739.616 739.593 733.571 733.566
Design Offset	-6.821 -5.203 -5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.153
Design Width	1.617 0.203 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	734.809 731.909 733.702
Exi. Ground Offset	-7.360 -3.442 0.799

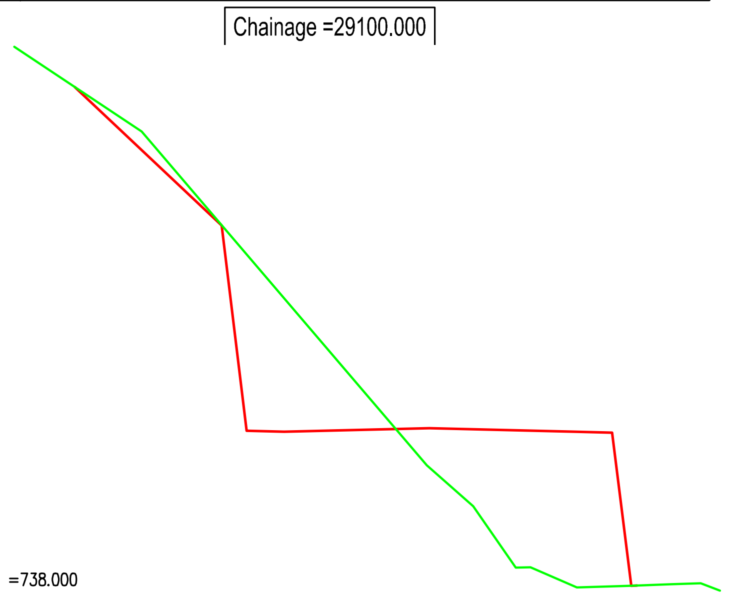
Chainage =29050.000



Level Datum =731.000

Row	Values
Design Levels	743.781 744.044 744.236 740.973 740.950 741.038 740.950 740.928 732.991 733.007
Design Offset	-7.209 -5.935 -5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.390
Design Width	1.273 0.935 0.600 0.900 3.500 3.500 0.900 0.600 0.390
Exi. Ground Levels	743.556 745.102 740.207 738.346 735.652 735.645 732.968 733.031
Exi. Ground Offset	-8.302 -0.796 0.447 0.838 1.589 2.121 4.458 5.994

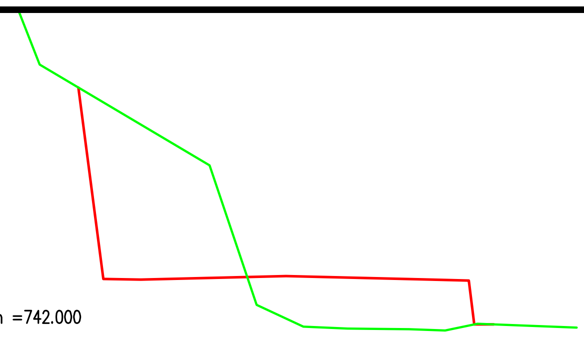
Chainage =29100.000



Level Datum =738.000

Row	Values
Design Levels	750.591 747.257 742.307 742.285 742.372 742.285 742.262 738.574 738.579
Design Offset	-8.542 -5.000 -4.400 -3.500 -0.000 3.500 4.400 4.861 5.000
Design Width	3.542 0.600 0.900 3.500 3.500 0.900 0.461
Exi. Ground Levels	751.562 749.519 741.479 740.489 739.011 739.015 738.530 738.572 738.609 738.635
Exi. Ground Offset	-10.000 -6.931 -0.066 1.056 2.078 2.432 3.549 4.806 5.816 6.536

Chainage =29150.000



Level Datum =742.000

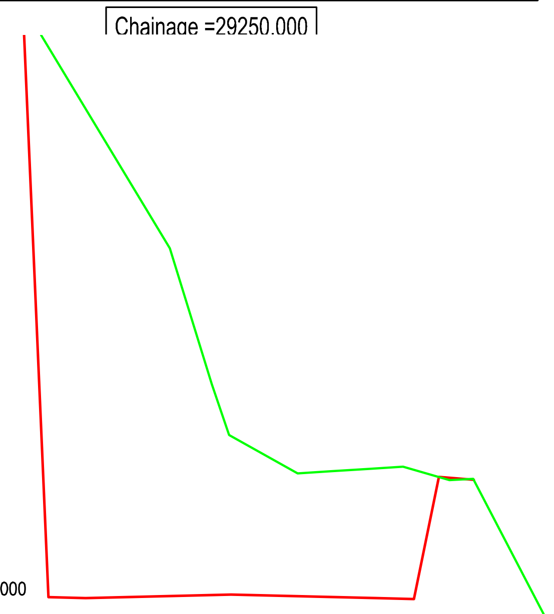
Row	Values
Design Levels	748.245 743.642 743.620 743.707 743.620 743.597 742.544 742.545
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 4.532 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.132
Exi. Ground Levels	748.798 746.376 743.018 742.489 742.448 742.440 742.428 742.401 742.560
Exi. Ground Offset	-5.935 -1.840 -0.706 0.419 1.479 2.147 2.962 3.835 4.610

Chainage =29200.000

Level Datum =744.000

Row	Values
Design Levels	758.352 744.977 744.954 745.042 744.954 744.932 745.525 745.446
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.697 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.297
Exi. Ground Levels	759.224 748.627 747.812 747.528 745.499 745.542 745.359 745.367
Exi. Ground Offset	-5.502 0.597 0.978 1.213 3.201 4.635 5.333 5.542

Chainage =29250.000



Level Datum =745.000

Row	Values
Design Levels	760.367 746.312 746.289 746.377 746.289 746.267 749.212 749.142
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.838
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.838
Exi. Ground Levels	760.126 754.726 751.446 750.221 749.297 749.349 749.403 749.459 749.139 749.169
Exi. Ground Offset	-4.732 -1.478 -0.466 -0.046 1.597 2.427 3.303 4.134 5.255 5.824

Chainage =29300.000

Level Datum =747.000

Row	Values
Design Levels	759.437 747.646 747.624 747.711 747.624 747.601 752.334 752.043
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 6.621
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.621
Exi. Ground Levels	756.477 752.677 752.682 752.469 752.450 752.200
Exi. Ground Offset	-2.269 -0.180 0.331 3.732 4.516 5.554

Chainage =29350.000

Level Datum =748.000

Row	Values
Design Levels	763.423 748.981 748.958 749.046 748.958 748.936 753.131 753.037
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 6.450
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.450
Exi. Ground Levels	760.856 [illegible] 760.136 753.365 753.149 753.193 753.036 753.115
Exi. Ground Offset	-3.205 [illegible] -2.673 2.454 3.298 4.088 6.432 7.641

Chainage =29400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 06			Sheet : 06 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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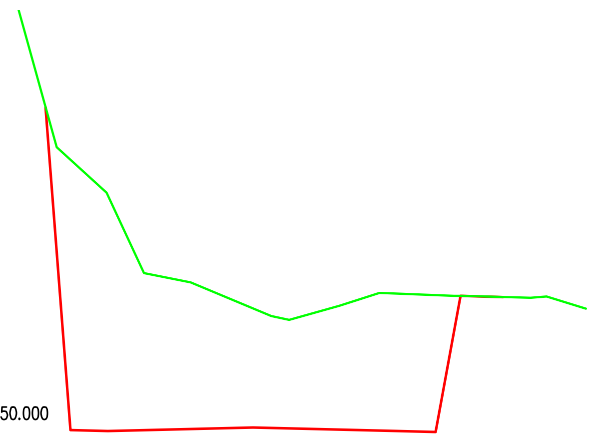
PH:0120-2400144



Level Datum =750.000

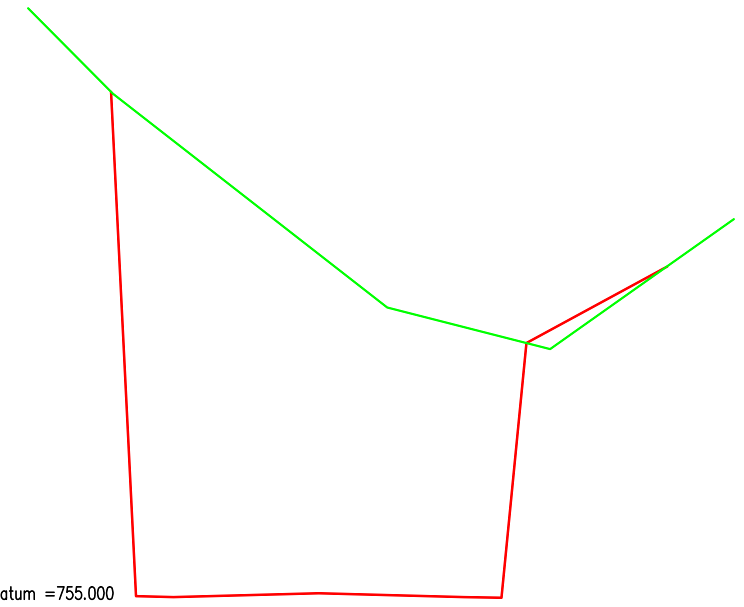
Design Levels	758.083, 750.316, 750.293, 750.381, 750.293, 750.271, 753.545, 753.519
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.024
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.024
Exi. Ground Levels	761.257, 757.119, 756.030, 754.093, 753.872, 753.064, 752.971, 753.307, 753.615, 753.614, 753.549, 753.544, 753.502, 753.528
Exi. Ground Offset	-5.880, -4.733, -3.531, -2.628, -1.503, 0.441, 0.871, 2.077, 3.046, 3.084, 4.840, 5.058, 6.691, 7.076

Chainage =29450.000

Level Datum =752.000

Design Levels	766.582, 752.985, 752.963, 753.050, 752.963, 752.940, 757.813, 756.624
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.242
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.242
Exi. Ground Levels	767.145, 763.757, 761.595, 760.577, 760.324, 756.596, 756.679, 756.684
Exi. Ground Offset	-5.736, -1.305, 2.698, 3.126, 3.651, 5.654, 7.393, 7.512

Chainage =29550.000



Level Datum =755.000

Design Levels	767.802, 755.655, 755.632, 755.720, 755.632, 755.610, 761.747, 763.594
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.392
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.392
Exi. Ground Levels	767.755, 762.606, 761.600, 764.732
Exi. Ground Offset	-4.953, 1.649, 5.575, 10.000

Chainage =29650.000

Level Datum =751.000

Design Levels	767.848, 751.650, 751.628, 751.715, 751.628, 751.605, 759.458, 756.763
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.979
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.979
Exi. Ground Levels	765.961, 762.688, 762.365, 758.601, 758.369, 756.492, 755.927
Exi. Ground Offset	-1.240, 2.737, 3.307, 5.499, 5.625, 7.207, 8.484

Chainage =29500.000

Level Datum =754.000

Design Levels	764.607, 754.320, 754.297, 754.385, 754.297, 754.275, 758.222, 757.364
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.945
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.945
Exi. Ground Levels	763.460, 764.631, 762.763, 759.832, 759.704, 759.149, 759.159, 759.168, 759.203, 759.174, 756.363
Exi. Ground Offset	-3.466, -3.220, -1.313, 0.081, 1.318, 1.657, 1.911, 2.185, 3.506, 3.950, 7.048

Chainage =29600.000

Level Datum =756.000

Design Levels	774.275, 756.989, 756.967, 757.054, 756.967, 756.944, 757.834, 757.566
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.845, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.445
Exi. Ground Levels	774.568, 773.154, 772.426, 770.293, 766.267, 765.376, 765.617, 757.335
Exi. Ground Offset	-5.505, -3.070, -1.561, -0.129, 0.503, 1.248, 2.261, 5.010

Chainage =29700.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widening/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 07			Sheet : 07 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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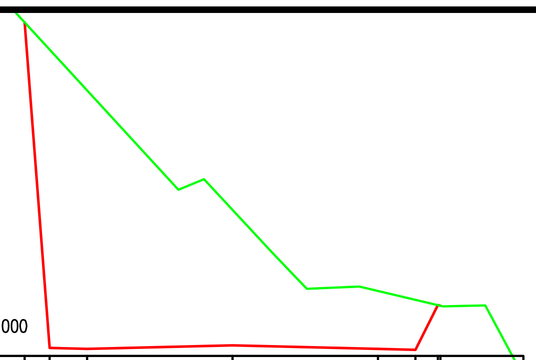


Level Datum =757.000

Design Levels	766.179, 758.324, 758.301, 758.389, 758.301, 758.279, 759.357, 759.342
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.939, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.539
Exi. Ground Levels	762.140, 762.396, 760.603, 759.749, 759.806, 759.327, 759.354
Exi. Ground Offset	-1.302, -0.685, 0.970, 1.786, 3.049, 5.066, 6.080

Chainage =29750.000

Level Datum =759.000

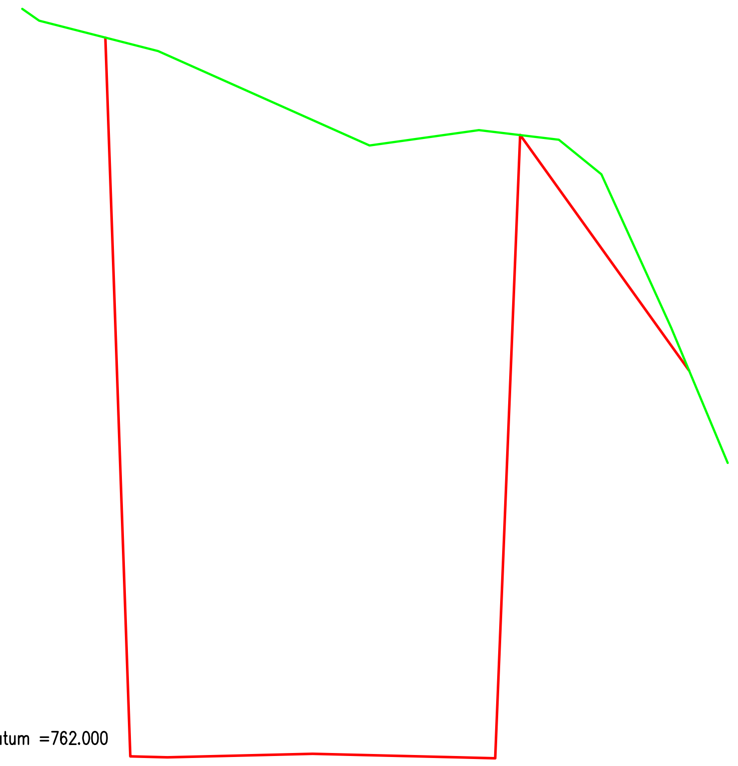
Design Levels	771.972, 759.659, 759.636, 759.724, 759.636, 759.614, 767.539, 764.262
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.724
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.724
Exi. Ground Levels	773.427, 772.229, 772.060, 771.301, 767.601, 764.918, 764.546, 763.929, 763.364
Exi. Ground Offset	-6.812, -5.689, -5.160, -3.765, 4.966, 6.427, 6.484, 7.006, 8.584

Chainage =29800.000

Level Datum =760.000

Design Levels	777.356, 760.989, 760.967, 761.054, 760.967, 760.944, 766.482, 766.288
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.072
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.072
Exi. Ground Levels	774.885, 767.927, 767.421, 770.493, 766.391, 766.488, 766.418, 766.421
Exi. Ground Offset	-2.742, 0.305, 0.620, 0.904, 4.338, 5.037, 6.289, 6.425

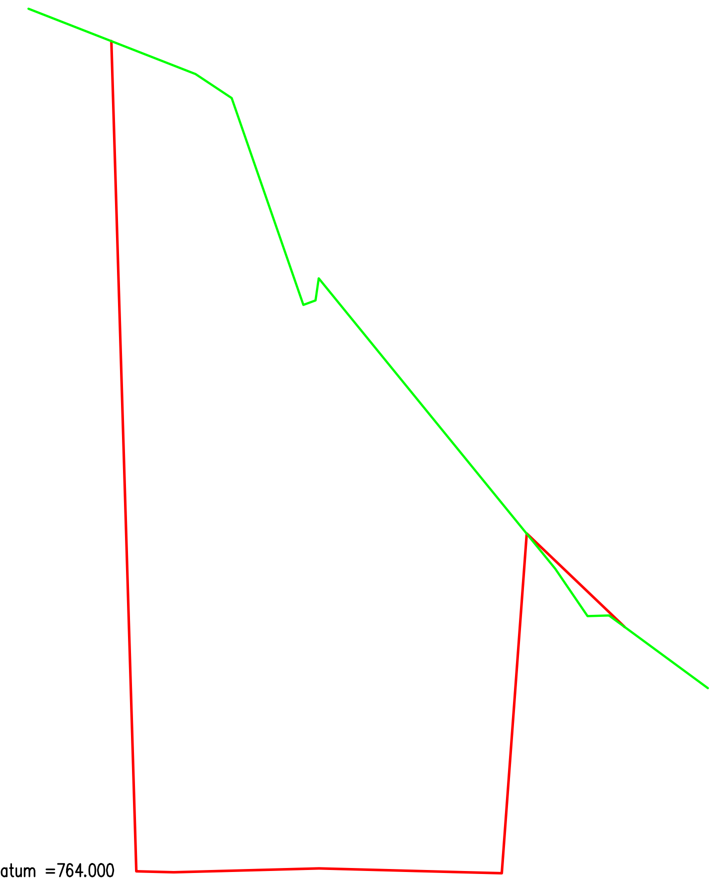
Chainage =29850.000



Level Datum =762.000

Design Levels	779.587, 762.278, 762.256, 762.343, 762.256, 762.233, 777.243, 771.571
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 9.069
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.069
Exi. Ground Levels	779.995, 779.262, 776.993, 777.365, 777.129, 776.299, 772.607, 769.344
Exi. Ground Offset	-6.594, -3.730, 1.368, 4.005, 5.934, 6.956, 8.636, 10.000

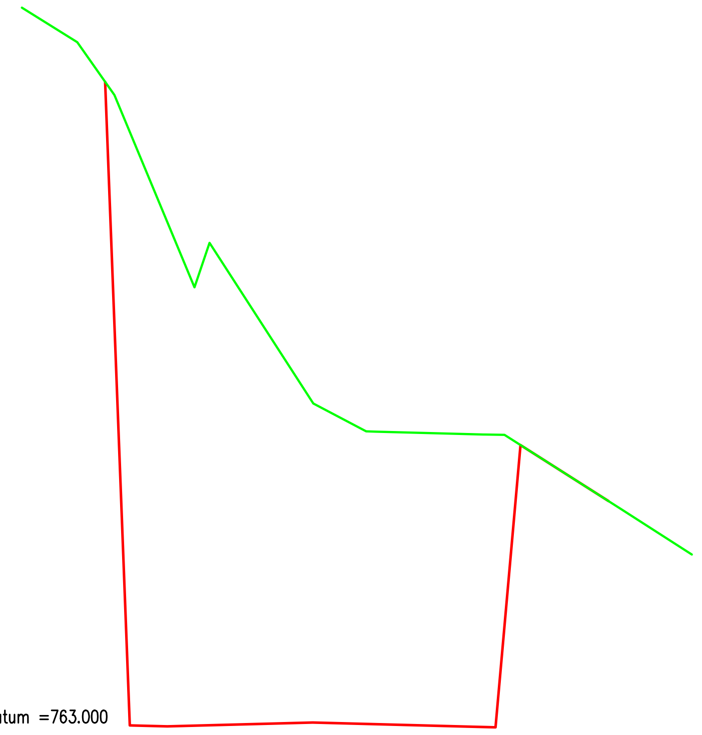
Chainage =29900.000



Level Datum =764.000

Design Levels	784.684, 764.701, 764.678, 764.766, 764.678, 764.656, 772.827, 770.576
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 7.360
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.360
Exi. Ground Levels	783.893, 783.309, 778.331, 778.976, 771.982, 770.842, 770.855
Exi. Ground Offset	-2.976, -2.102, -0.378, -0.012, 5.689, 6.465, 6.980

Chainage =30000.000



Level Datum =763.000

Design Levels	779.011, 763.515, 763.493, 763.580, 763.493, 763.470, 770.267, 768.914
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.122
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.122
Exi. Ground Levels	779.963, 778.691, 774.066, 775.132, 771.266, 770.598, 770.590, 770.551, 770.519, 770.521, 770.513, 768.725
Exi. Ground Offset	-5.667, -4.776, -2.848, -2.481, 0.009, 1.282, 1.497, 2.948, 4.104, 4.146, 4.613, 7.419

Chainage =29950.000

Level Datum =765.000

Design Levels	783.795, 765.839, 765.816, 765.904, 765.816, 765.794, 776.724, 770.795
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.901
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.901
Exi. Ground Levels	783.569, 780.767, 779.574, 770.910, 769.752, 769.863
Exi. Ground Offset	0.991, 3.863, 4.081, 6.875, 7.134, 8.674

Chainage =30050.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 08
Sheet :	08 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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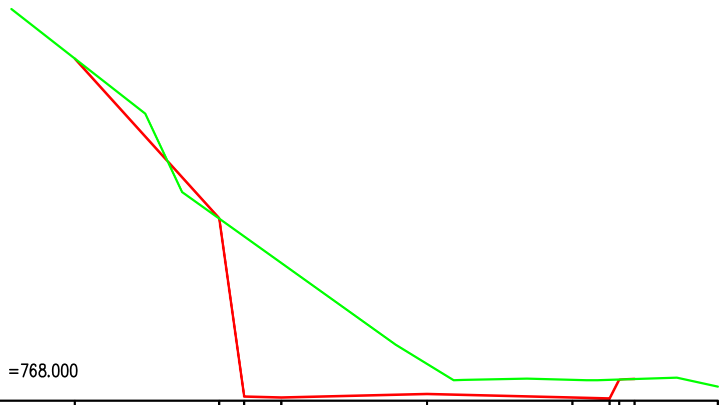
Level Datum =766.000

Design Levels	790.149	766.967	766.944	767.032	766.944	766.922	773.862	773.901	
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	7.890	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.890		
Exi. Ground Levels	789.836	790.172	783.082	779.592	774.027	773.832	773.904	769.963	
Exi. Ground Offset	-6.016	-4.927	-1.994	-0.640	1.194	2.787	8.088	9.878	

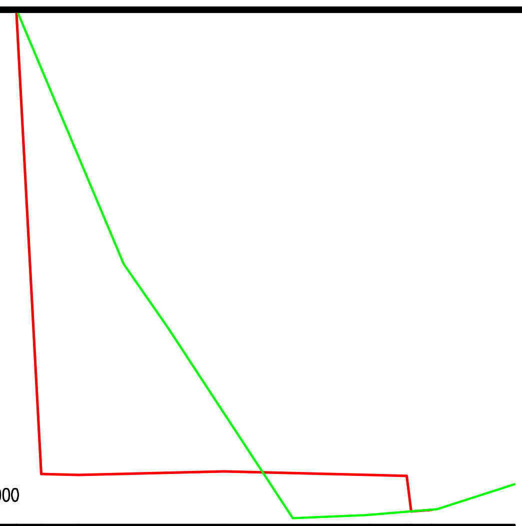
Chainage =30100.000



Level Datum =768.000

Design Levels	776.236	772.388	768.095	768.072	768.160	768.072	768.050	768.508	768.519	
Design Offset	-8.471	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.629	5.000	
Design Width	3.471	0.600	0.900	3.500	3.500	0.900	0.229			
Exi. Ground Levels	777.433	774.913	773.026	769.349	768.491	768.499	768.527	768.493	768.493	768.549
Exi. Ground Offset	-10.000	-6.781	-5.893	-0.753	0.645	0.873	2.410	3.843	4.104	6.018

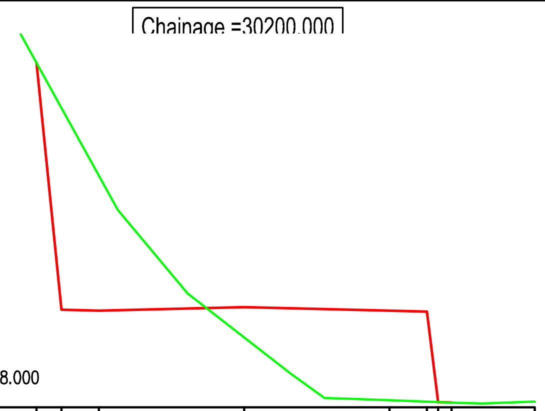
Chainage =30150.000



Level Datum =768.000

Design Levels	780.409	769.223	769.200	769.288	769.200	769.178	768.325	768.365
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.507	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.107		
Exi. Ground Levels	782.505	774.277	772.730	768.161	768.230	768.239	768.375	768.409
Exi. Ground Offset	-5.883	-2.416	-1.344	1.659	3.307	3.450	5.132	5.225

Chainage =30200.000



Level Datum =768.000

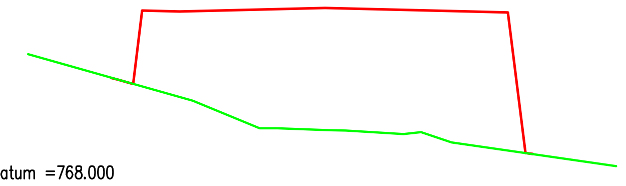
Design Levels	776.304	770.351	770.328	770.416	770.328	770.306	768.179	768.118
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.672	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.272		
Exi. Ground Levels	772.754	770.750	768.807	768.223	768.207	768.154	768.114	768.098
Exi. Ground Offset	-3.041	-1.366	1.135	1.934	2.473	3.954	5.119	5.755

Chainage =30250.000

Level Datum =769.000

Design Levels	785.655	771.479	771.456	771.544	771.456	771.434	772.208	771.984
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.787	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.387		
Exi. Ground Levels	785.933	778.120	775.244	774.213	773.348	770.653		
Exi. Ground Offset	-5.204	0.516	2.500	3.208	3.707	6.260		

Chainage =30300.000



Level Datum =768.000

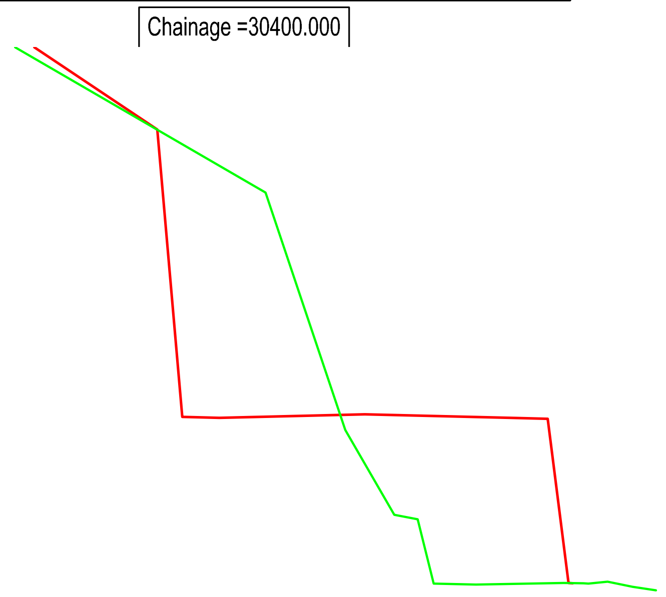
Design Levels	770.994	770.952	770.845	772.607	772.584	772.672	772.584	772.562	769.186	769.161
Design Offset	-5.147	-5.000	-4.620	-4.400	-3.500	0.000	3.500	4.400	4.822	5.000
Design Width	0.147	0.220	0.900	3.500	3.500	0.900	0.422			
Exi. Ground Levels	770.441	769.784	769.778	769.732	769.729	769.646	769.687	769.440		
Exi. Ground Offset	-3.184	-1.572	-1.145	0.110	0.495	1.887	2.309	3.042		

Chainage =30350.000

Level Datum =771.000

Design Levels	781.232	773.735	773.712	773.800	773.712	773.690	771.327	771.343
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.695	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.295		
Exi. Ground Levels	780.125	778.761	777.248	773.478	772.091	771.310	771.371	771.419
Exi. Ground Offset	-3.751	-1.995	-0.518	1.835	3.075	4.340	5.575	6.296

Chainage =30400.000



Level Datum =770.000

Design Levels	784.674	781.782	774.863	774.841	774.928	774.841	774.818	770.861	770.859					
Design Offset	-9.305	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.895	5.000					
Design Width	4.305	0.600	0.900	3.500	3.500	0.900	0.495							
Exi. Ground Levels	785.959	784.923	783.895	780.268	774.551	772.502	772.398	770.851	770.828	770.864	770.853	770.849	770.893	770.774
Exi. Ground Offset	-10.000	-9.520	-8.634	-2.395	-0.470	0.707	1.272	1.654	2.673	4.782	5.260	5.378	5.839	6.439

Chainage =30450.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 09			Sheet : 09 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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PH:0120-2400144

Level Datum =770.000

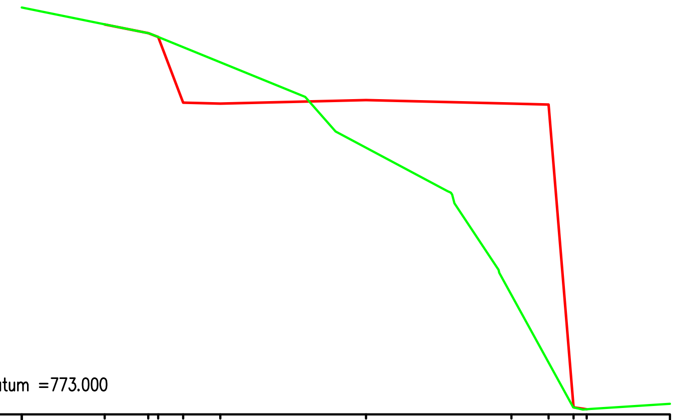
Design Levels	791.915, 775.991, 775.969, 776.056, 775.969, 775.946, 770.546, 770.549
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.075
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	791.910, 791.548, 790.664, 776.924, 781.870, 779.962, 780.317, 770.523, 770.535, 770.579, 770.596
Exi. Ground Offset	-4.994, -4.721, -4.419, 0.471, 2.208, 2.296, 2.675, 4.304, 4.650, 5.982, 6.450

Chainage =30500.000

Level Datum =768.000

Design Levels	781.487, 774.955, 774.635, 778.247, 778.225, 778.312, 778.225, 778.202, 769.163, 769.002
Design Offset	-7.640, -5.000, -4.852, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.550
Design Width	2.640, 0.148, 0.900, 3.500, 3.500, 0.900, 0.600, 0.550
Exi. Ground Levels	784.164, 781.840, 780.095, 776.123, 769.694, 769.641, 769.908, 769.654, 768.924
Exi. Ground Offset	-9.492, -7.882, -6.684, -5.542, -2.560, -1.372, 0.921, 3.326, 5.815

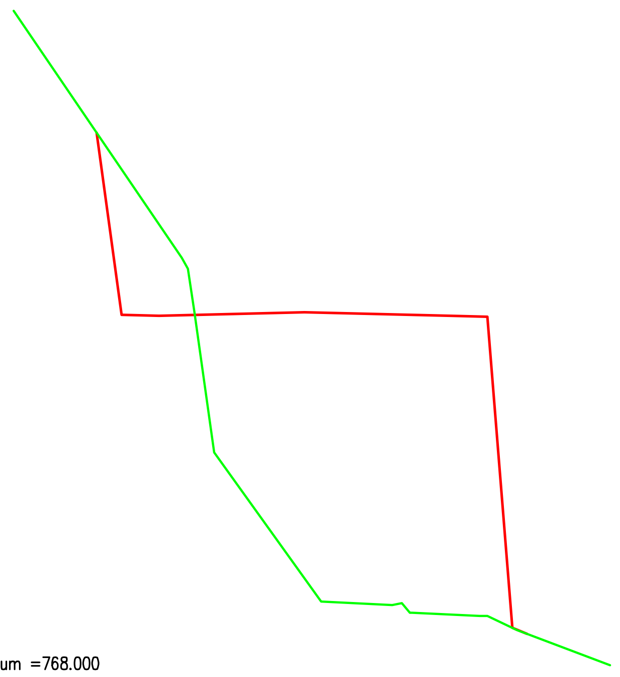
Chainage =30600.000



Level Datum =773.000

Design Levels	782.386, 782.172, 782.082, 780.503, 780.481, 780.568, 780.481, 780.458, 773.173, 773.128
Design Offset	-6.282, -5.234, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.316
Design Width	1.048, 0.234, 0.900, 3.500, 3.500, 0.900, 0.600, 0.316
Exi. Ground Levels	782.166, 780.644, 779.806, 778.379, 778.083, 776.482, 776.415, 773.174, 773.135
Exi. Ground Offset	-5.205, -1.463, -0.728, 1.963, 2.134, 3.197, 3.209, 4.993, 5.405

Chainage =30700.000



Level Datum =768.000

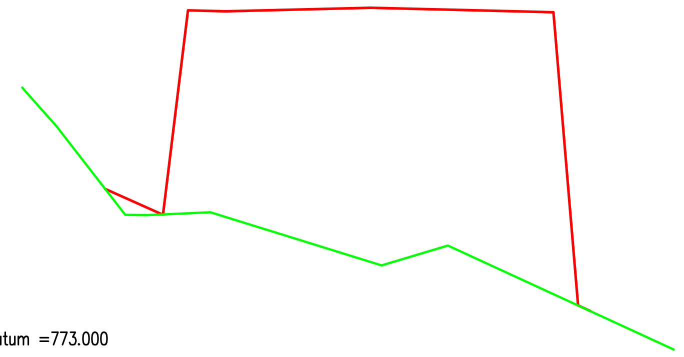
Design Levels	781.504, 777.119, 777.097, 777.184, 777.097, 777.074, 769.581, 769.436
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.355
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.355
Exi. Ground Levels	778.493, 777.207, 773.805, 770.216, 770.125, 769.974, 769.947, 769.868, 769.866, 769.528
Exi. Ground Offset	-2.951, -2.651, -2.173, 0.399, 2.109, 2.540, 2.590, 4.218, 4.400, 5.112

Chainage =30550.000

Level Datum =769.000

Design Levels	775.772, 774.126, 774.035, 779.375, 779.353, 779.440, 779.353, 779.330, 769.744, 769.584
Design Offset	-6.068, -5.056, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.618
Design Width	1.012, 0.056, 0.900, 3.500, 3.500, 0.900, 0.600, 0.618
Exi. Ground Levels	778.856, 773.858, 772.699, 770.976, 771.003, 770.781, 770.708, 770.415, 770.174, 770.111
Exi. Ground Offset	-7.965, -4.891, -4.008, -2.648, -1.072, -0.656, 0.869, 1.760, 3.420, 3.584

Chainage =30650.000



Level Datum =773.000

Design Levels	777.331, 776.715, 776.716, 781.631, 781.609, 781.696, 781.609, 781.586, 774.522, 774.383
Design Offset	-6.391, -5.014, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.300
Design Width	1.377, 0.014, 0.900, 3.500, 3.500, 0.900, 0.600, 0.300
Exi. Ground Levels	779.685, 778.843, 776.708, 776.696, 776.772, 775.488, 775.971
Exi. Ground Offset	-8.313, -7.569, -5.906, -5.404, -3.861, 0.266, 1.862

Chainage =30750.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section
Chainage :-
Drawing No. :- AIPPL/BRO/DPR/CS/ 10
Sheet : 10 of End
Scale :- NTS
Drng. | Dgn.by | Appd.by
Date: OCT-2021

CONSULTANT:
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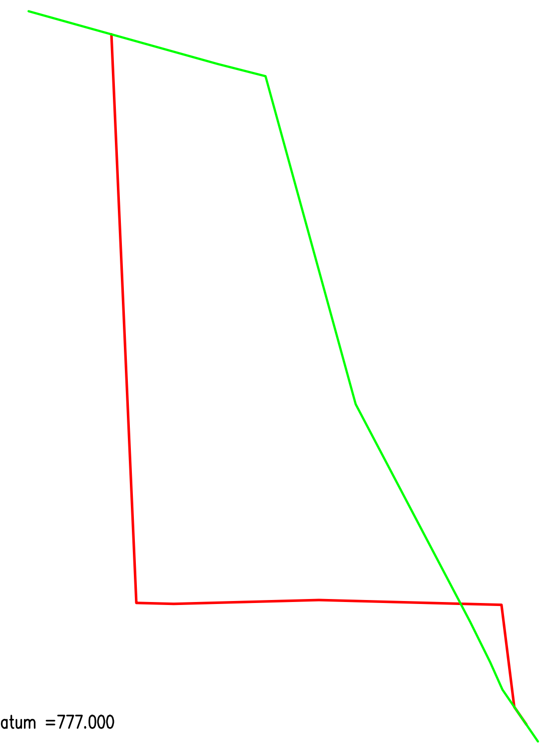
PH:0120-2400144



Level Datum =777.000

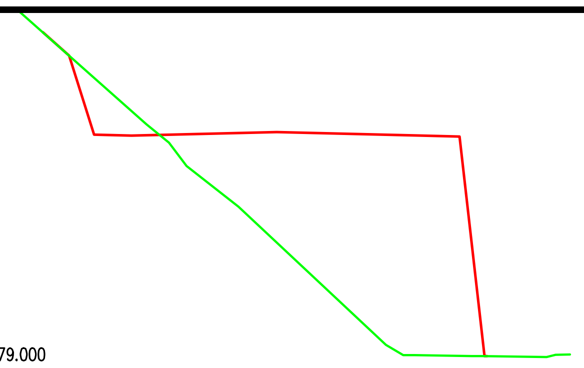
Design Levels	796.451, 782.759, 782.737, 782.824, 782.737, 782.714, 780.256, 779.829
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.707, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.307
Exi. Ground Levels	795.735, 795.444, 787.542, 782.305, 781.325, 780.670, 777.340
Exi. Ground Offset	-2.434, -1.290, 0.888, 3.644, 4.131, 4.423, 6.705

Chainage =30800.000

Level Datum =777.000

Design Levels	788.887, 787.127, 783.887, 783.865, 783.952, 783.865, 783.842, 777.981, 777.983
Design Offset	-6.900, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.152
Design Width	1.900, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	781.668, 781.450, 781.323, 777.703, 777.383, 777.973, 777.988, 778.390, 777.979
Exi. Ground Offset	0.892, 1.908, 2.750, 3.795, 3.981, 4.421, 5.464, 5.538, 5.984

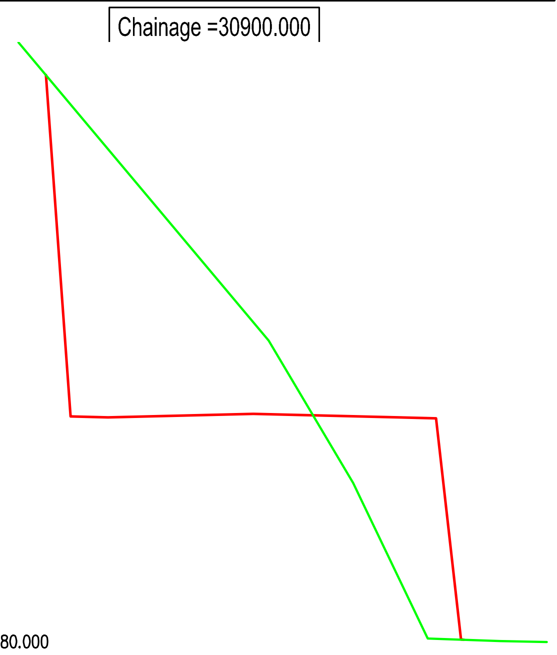
Chainage =30850.000



Level Datum =779.000

Design Levels	787.481, 786.919, 785.016, 784.993, 785.081, 784.993, 784.971, 779.682, 779.682
Design Offset	-5.633, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.061
Design Width	0.633, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	785.260, 784.824, 784.259, 783.284, 779.952, 779.703, 779.704, 779.685, 779.683, 779.664, 779.713
Exi. Ground Offset	-3.134, -2.599, -2.174, -0.922, 2.628, 3.043, 3.316, 4.795, 4.931, 6.496, 6.715

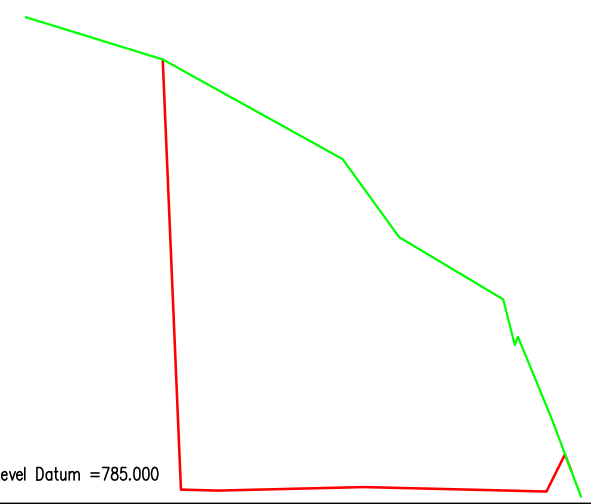
Chainage =30900.000



Level Datum =780.000

Design Levels	794.372, 786.144, 786.121, 786.209, 786.121, 786.099, 780.770, 780.768
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.066
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	787.975, 784.543, 780.794, 780.792, 780.736
Exi. Ground Offset	0.364, 2.401, 4.195, 4.400, 5.939

Chainage =30950.000



Level Datum =785.000

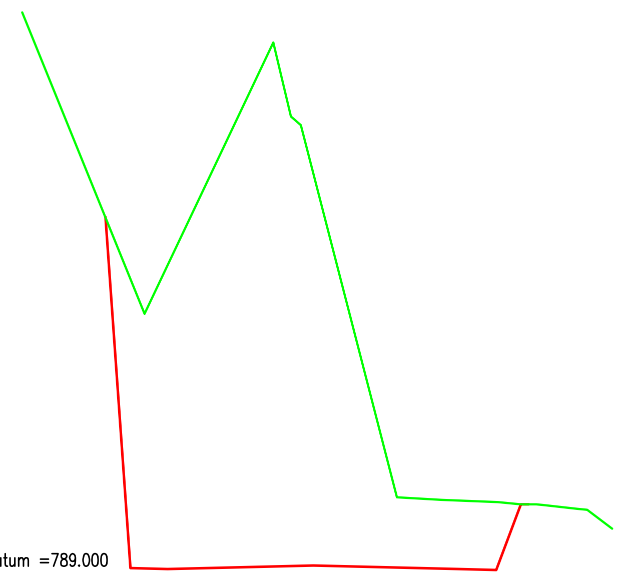
Design Levels	801.284, 787.272, 787.249, 787.337, 787.249, 787.227, 788.123, 787.718
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.848, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.448
Exi. Ground Levels	801.765, 801.538, 800.854, 798.479, 797.917, 794.858, 790.758, 790.950, 788.966, 786.949, 786.187
Exi. Ground Offset	-5.411, -5.195, -4.670, 1.169, 1.610, 2.604, 3.639, 3.715, 4.533, 5.288, 5.424

Chainage =31000.000

Level Datum =787.000

Design Levels	799.024, 788.400, 788.377, 788.465, 788.377, 788.355, 788.325, 788.653
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.685, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.285
Exi. Ground Levels	797.660, 792.655, 791.806, 787.623, 787.577
Exi. Ground Offset	-2.400, 0.864, 1.352, 6.192, 6.645

Chainage =31050.000



Level Datum =789.000

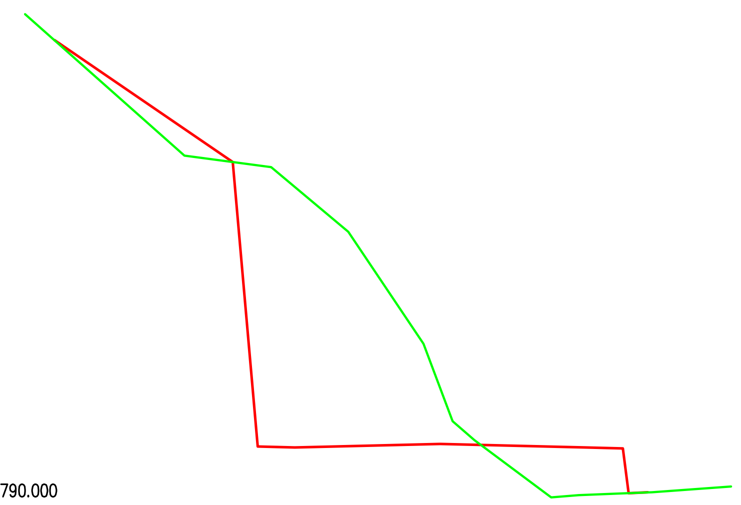
Design Levels	797.978, 789.528, 789.505, 789.593, 789.505, 789.483, 791.064, 791.063
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.190
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	795.650, 802.175, 800.401, 800.187, 791.231, 791.171, 791.115, 791.064, 791.063, 791.046, 790.953, 790.932
Exi. Ground Offset	-4.055, -0.962, -0.537, -0.298, 2.012, 3.087, 4.445, 4.999, 5.364, 5.527, 6.355, 6.590

Chainage =31100.000

Level Datum =789.000

Design Levels	810.939, 790.656, 790.633, 790.721, 790.633, 790.611, 790.262, 790.227
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.444, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.044
Exi. Ground Levels	809.905, 801.265, 794.748, 794.784, 790.267, 790.205
Exi. Ground Offset	-4.581, -0.734, 1.282, 1.810, 4.367, 5.357

Chainage =31150.000



Level Datum =790.000

Design Levels	801.565, 798.632, 791.784, 791.761, 791.849, 791.761, 791.739, 790.659, 790.680
Design Offset	-9.291, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.535, 5.000
Design Width	4.291, 0.600, 0.900, 3.500, 3.500, 0.900, 0.135
Exi. Ground Levels	802.196, 798.784, 798.511, 796.952, 794.259, 792.394, 791.941, 790.563, 790.611, 790.657, 790.684
Exi. Ground Offset	-10.000, -6.162, -4.075, -2.217, -0.403, 0.299, 0.820, 2.669, 3.334, 4.490, 5.101

Chainage =31200.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 11		Sheet : 11 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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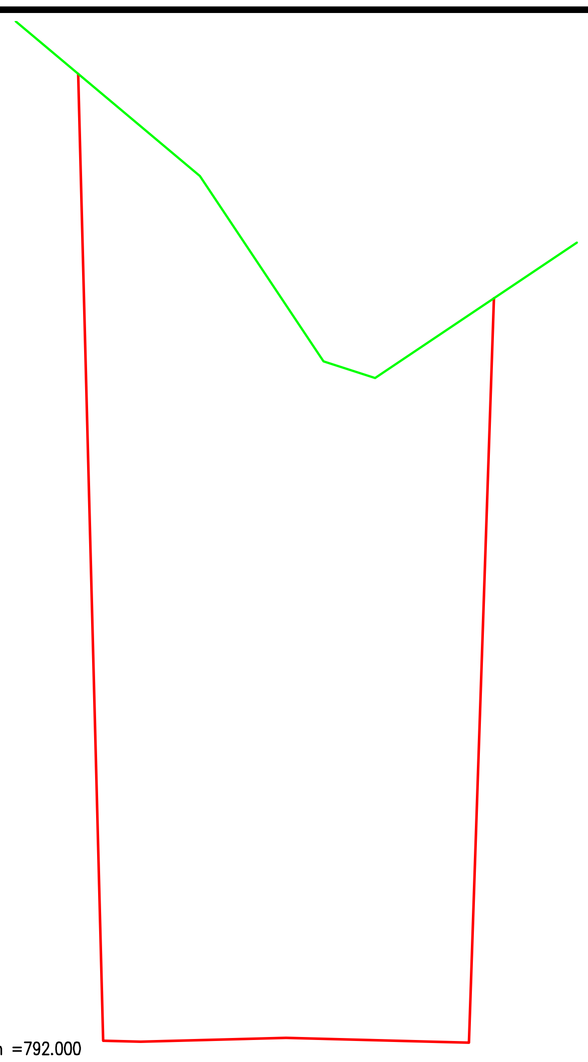


Level Datum =792.000

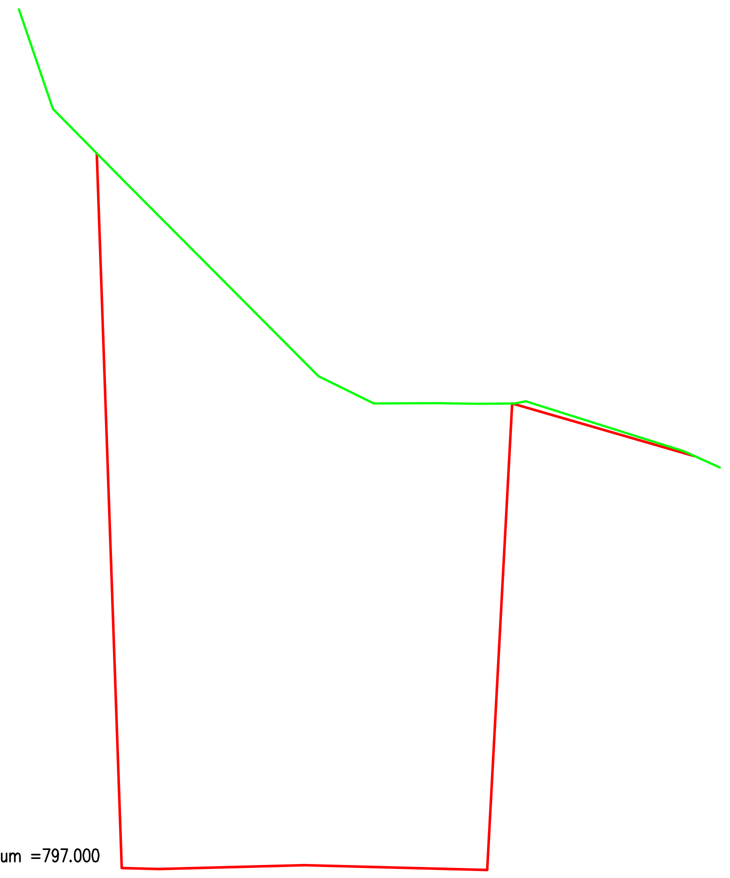
Design Levels	816.189, 792.912, 792.889, 792.977, 792.889, 792.867, 810.784
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	813.725, 809.266, 808.862
Exi. Ground Offset	-2.074, 0.899, 2.142

Chainage =31250.000

Level Datum =795.000

Design Levels	816.824, 795.168, 795.146, 795.233, 795.146, 795.123, 807.820
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	817.514, 814.776, 817.609, 811.646, 811.988, 809.107, 808.484, 807.289, 806.475
Exi. Ground Offset	-6.016, -1.983, -0.524, 1.634, 3.409, 4.404, 4.573, 5.342, 6.656

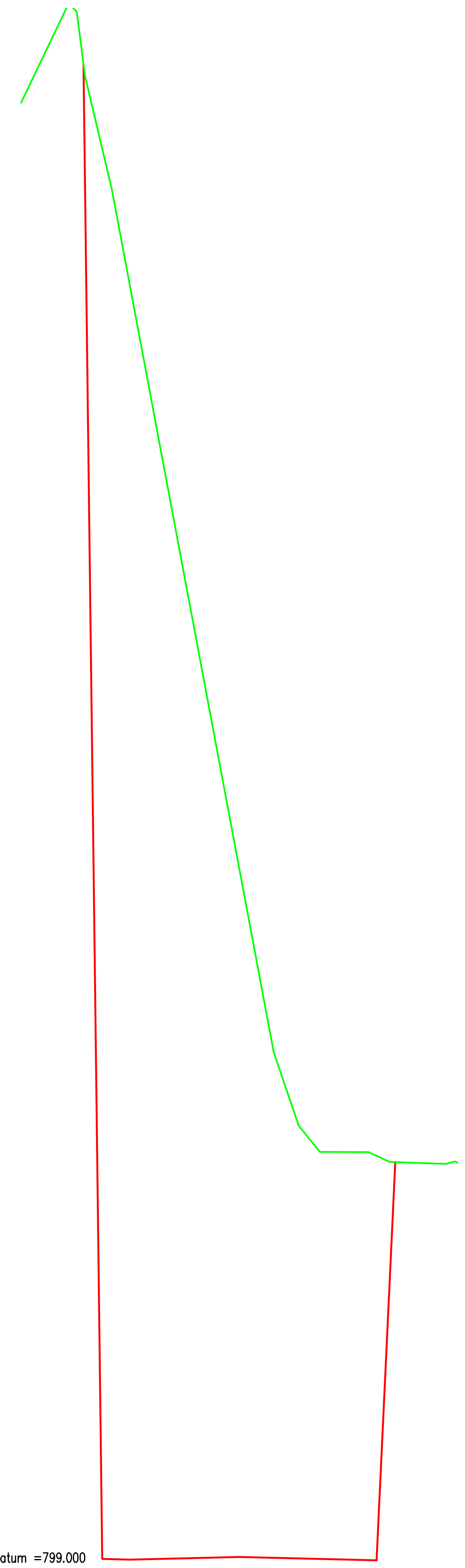
Chainage =31350.000



Level Datum =797.000

Design Levels	814.625, 797.424, 797.402, 797.489, 797.402, 797.379, 808.604, 807.344
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 9.382
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.382
Exi. Ground Levels	815.698, 813.974, 809.259, 808.605, 808.614, 808.600, 808.604, 808.635, 807.457, 807.064
Exi. Ground Offset	-6.055, -4.360, 0.337, 1.674, 3.165, 4.160, 5.070, 5.326, 9.132, 10.000

Chainage =31450.000



Level Datum =799.000

Design Levels	847.712, 799.680, 799.658, 799.745, 799.658, 799.635, 812.435
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	849.676, 849.401, 847.347, 843.694, 815.960, 813.599, 812.765, 812.754, 812.441, 812.378, 812.451
Exi. Ground Offset	-5.470, -5.217, -4.953, -4.092, 1.108, 1.905, 2.582, 4.145, 4.824, 6.629, 6.915

Chainage =31550.000

Level Datum =793.000

Design Levels	811.776, 794.040, 794.017, 794.105, 794.017, 793.995, 798.406, 797.921
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.363
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.363
Exi. Ground Levels	809.371, 805.892, 807.588, 800.181, 799.258, 798.450, 798.438, 798.439, 798.386, 798.397, 796.973
Exi. Ground Offset	-3.385, -2.094, -0.991, 1.353, 2.062, 2.253, 3.704, 4.004, 5.595, 5.905, 7.275

Chainage =31300.000

Level Datum =796.000

Design Levels	817.087, 796.296, 796.274, 796.361, 796.274, 796.251, 808.976
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	817.903, 816.491, 816.710, 814.351, 812.558, 810.663, 810.008, 808.920, 808.943, 808.975, 808.997, 809.011
Exi. Ground Offset	-6.529, -3.883, -1.933, -0.840, 0.169, 0.685, 1.656, 3.219, 3.723, 4.955, 5.643, 6.641

Chainage =31400.000

Level Datum =798.000

Design Levels	823.396, 798.552, 798.530, 798.617, 798.530, 798.507, 808.250
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	832.581, 816.993, 809.569, 811.695, 811.290, 808.117, 808.169, 808.198, 808.256
Exi. Ground Offset	-6.066, -4.257, -3.170, -1.849, 0.321, 0.979, 2.202, 3.423, 5.177

Chainage =31500.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 12			Sheet : 12 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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Level Datum =800.000

Design Levels	838.029	800.866	800.844	800.931	800.844	800.821	817.794		
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	838.563	831.543	831.829	830.062	816.033	815.727			
Exi. Ground Offset	-5.427	0.200	2.520	2.727	5.326	5.817			

Chainage =31600.000

Level Datum =802.000

Design Levels	829.082	802.173	802.150	802.238	802.150	802.128	818.027		
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	822.287	821.973	820.440	820.561	820.273	818.050	818.004	817.944	817.917
Exi. Ground Offset	-1.806	-1.000	-0.777	1.728	1.870	4.288	5.717	6.624	6.656

Chainage =31650.000

Level Datum =804.000

Design Levels	838.204	805.016	804.993	805.081	804.993	804.971	825.334
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Exi. Ground Levels	836.458	827.655	825.627	823.158			
Exi. Ground Offset	-3.945	3.033	4.837	6.209			

Chainage =31750.000

Level Datum =807.000

Design Levels	827.617	807.876	807.853	807.941	807.853	807.831	820.573	818.545		
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	9.757		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	4.757			
Exi. Ground Levels	825.745	823.300	823.301	821.200	821.225	821.230	820.642	820.538	818.974	818.439
Exi. Ground Offset	-3.728	-1.938	-1.864	1.281	2.765	3.110	4.720	5.141	8.773	10.000

Chainage =31850.000

Level Datum =803.000

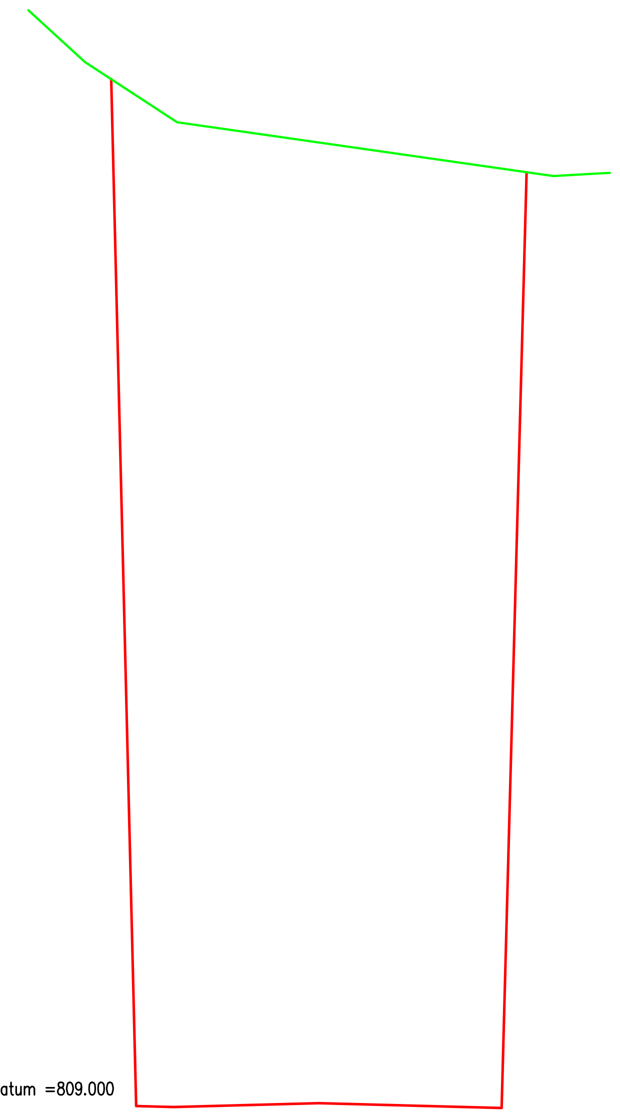
Design Levels	831.007	803.586	803.564	803.651	803.564	803.541	816.716			
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000			
Design Width	0.600	0.900	3.500	3.500	0.900	0.600				
Exi. Ground Levels	835.094	822.124	817.778	825.653	825.599	822.049	816.772	816.605	816.880	816.680
Exi. Ground Offset	-6.418	-1.918	0.568	1.736	2.157	2.225	4.836	5.168	5.392	5.698

Chainage =31700.000

Level Datum =806.000

Design Levels	846.386	806.446	806.423	806.511	806.423	806.401	824.261	
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600		
Exi. Ground Levels	840.254	839.476	838.858	830.879	827.867	826.288	822.062	821.364
Exi. Ground Offset	0.286	0.443	0.740	2.954	3.597	4.181	5.889	6.779

Chainage =31800.000



Level Datum =809.000

Design Levels	834.030	809.305	809.283	809.370	809.283	809.260	831.788
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Exi. Ground Levels	834.442	832.995	831.694	831.735			
Exi. Ground Offset	-5.631	-3.414	5.649	6.309			

Chainage =31900.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 13
Scale :-	NTS
Sheet :	13 of End
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:
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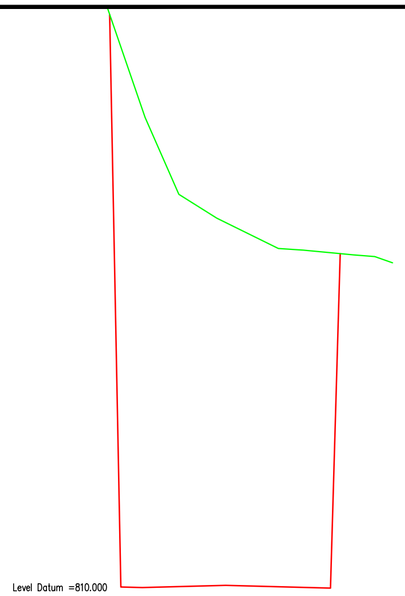
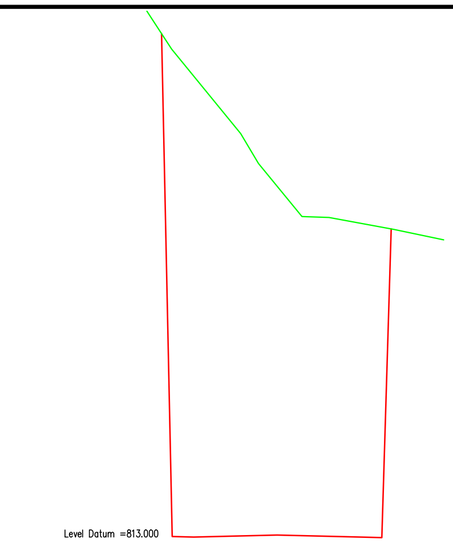


Level Datum =810.000

Design Levels			841.653							810.713	810.690	831.211	
Design Offset		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
Design Width			0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels		842.338		836.945	833.722	832.713		831.443		831.374	831.277	831.174	831.109
Exi. Ground Offset		-5.236		-3.382	-1.967	-0.369		2.213		3.256	4.325	5.381	6.258

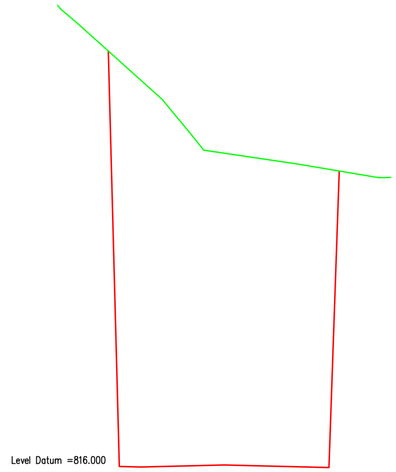
Chainage =31950.000



Level Datum =813.000

Design Levels			841.808							813.572	813.550	833.334	
Design Offset		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
Design Width			0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels		844.403		840.918	837.378	836.115		833.887		833.856		833.364	
Exi. Ground Offset		-6.680		-4.424	-1.527	-0.776		1.051		2.182		4.901	

Chainage =32050.000



Level Datum =816.000

Design Levels			838.941							816.519	816.432	833.752	
Design Offset		-5.000	-4.400	-3.500						0.000	3.500	4.400	5.000
Design Width			0.600	0.900	3.500			3.500			0.900	0.600	
Exi. Ground Levels		840.575		836.792	835.276	834.659				834.068		833.501	833.505
Exi. Ground Offset		-6.680		-6.152	-2.603	-1.347	-0.897			3.109		6.448	6.518

Chainage =32150.000

Level Datum =819.000

Design Levels			843.678							819.292	819.269	834.304	
Design Offset		-5.000	-4.400	-3.500						3.500	4.400	5.000	
Design Width			0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels		843.425				837.885	3.500	835.195		835.097	834.308	834.297	
Exi. Ground Offset		-4.732				1.138		2.610		3.988	4.724	5.748	

Chainage =32250.000

Level Datum =812.000

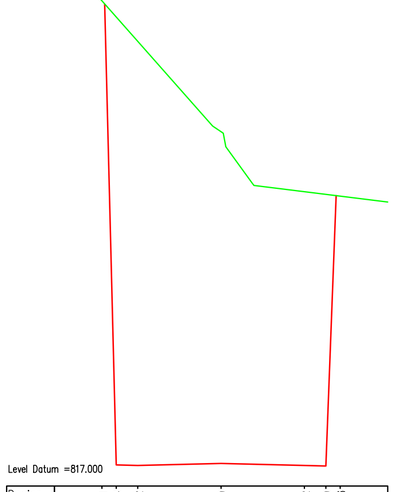
Design Levels			844.423							812.142	812.120	833.686	
Design Offset		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels			843.064	842.285	840.907	837.463		833.675		833.648	833.706	833.691	833.665
Exi. Ground Offset			-3.886	-3.512	-2.835	-1.806		1.280		3.009	3.853	5.486	6.532

Chainage =32000.000

Level Datum =814.000

Design Levels			840.449							815.090	815.002	814.980	832.628
Design Offset		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
Design Width			0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels				838.430	837.319	834.762	834.036	833.064		832.986	832.607	832.614	832.632
Exi. Ground Offset				-3.377	-2.207	-1.139	-0.769	1.099		2.556	3.861	5.598	5.934

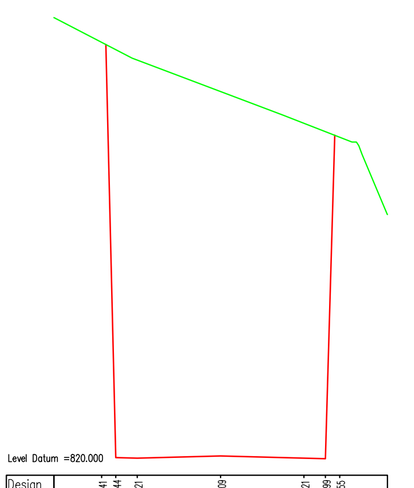
Chainage =32100.000



Level Datum =817.000

Design Levels			841.841							817.949	817.862	817.839	833.646
Design Offset		-5.000	-4.400	-3.500						0.000	3.500	4.400	5.000
Design Width			0.600	0.900	3.500			3.500			0.900	0.600	
Exi. Ground Levels		842.499				836.588	835.740	834.172		834.022			
Exi. Ground Offset		-5.582				-0.350	0.009	1.709		3.109			

Chainage =32200.000



Level Datum =820.000

Design Levels			845.641							820.721	820.699	841.655	
Design Offset		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels			844.974				842.592			841.563	841.553	841.553	838.415
Exi. Ground Offset			-3.716				2.609			5.518	5.748	5.748	6.995

Chainage =32300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 14		Sheet : 14 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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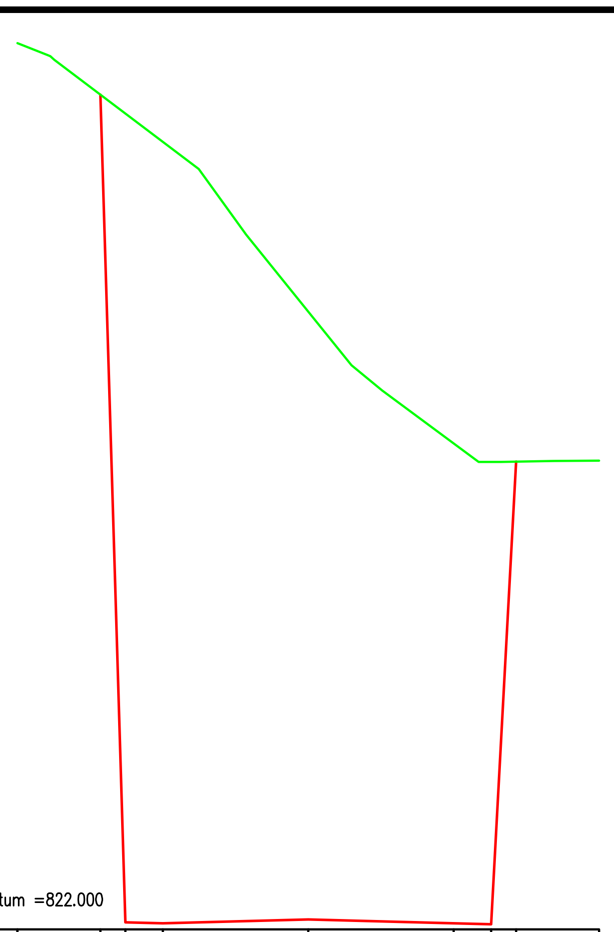
Level Datum =822.000



Design Levels	842.091, 822.174, 822.151, 822.239, 822.151, 822.129, 833.264
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	843.039, 842.933, 840.301, 838.726, 835.579, 834.973, 833.250, 833.257, 833.280
Exi. Ground Offset	-6.258, -6.114, -2.633, -1.493, 1.044, 1.782, 4.100, 4.630, 5.903

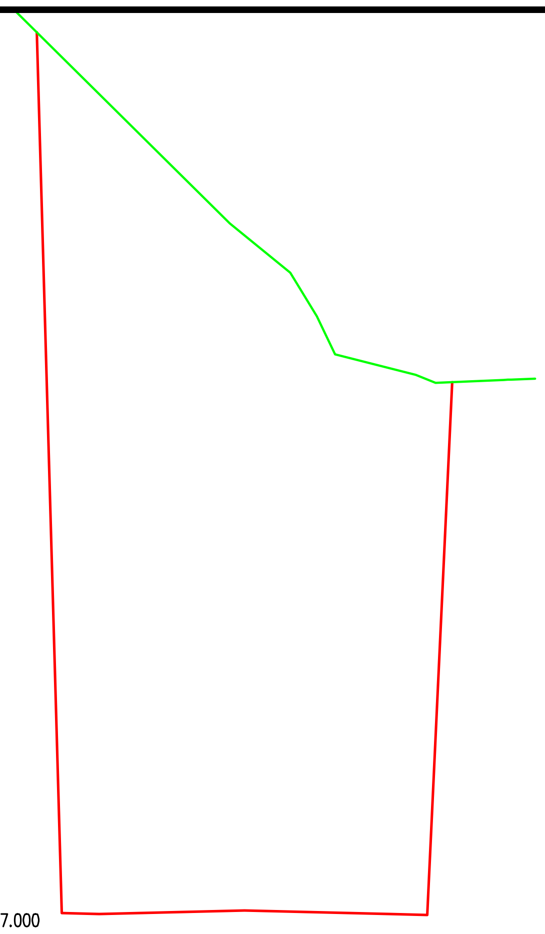
Chainage =32350.000

Level Datum =824.000

Design Levels	845.213, 825.033, 825.011, 825.098, 825.011, 824.988, 835.609, 834.597
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 9.204
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.204
Exi. Ground Levels	839.775, 839.307, 837.895, 837.550, 835.594, 835.595, 835.621, 835.627, 835.490, 835.278, 834.411, 834.318
Exi. Ground Offset	-1.958, -1.780, 0.612, 0.988, 2.661, 4.344, 5.574, 6.003, 6.185, 7.018, 9.802, 10.000

Chainage =32450.000

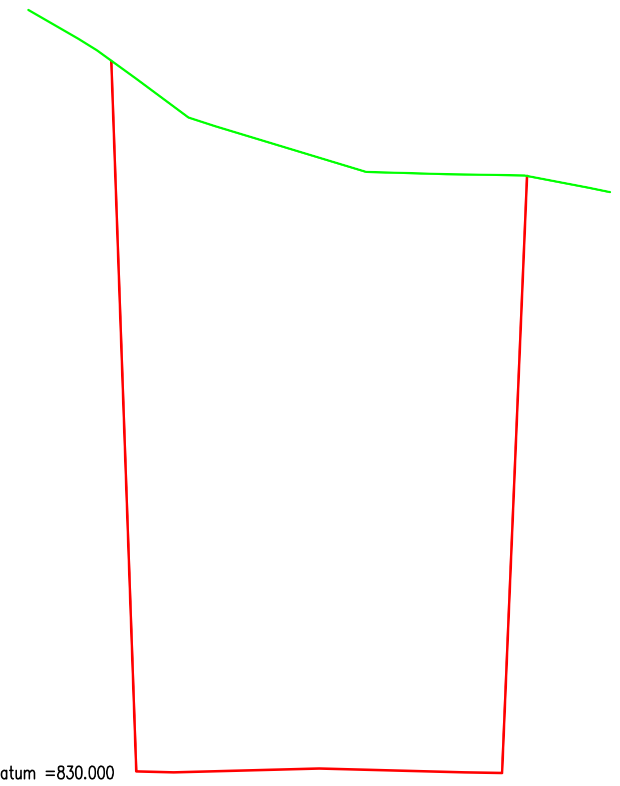
Level Datum =827.000



Design Levels	849.096, 827.893, 827.871, 827.958, 827.871, 827.848, 840.672
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	850.161, 844.497, 843.308, 842.261, 841.343, 840.850, 840.654, 840.727, 840.735
Exi. Ground Offset	-6.077, -0.352, 1.103, 1.744, 2.183, 4.126, 4.599, 6.241, 6.421

Chainage =32550.000

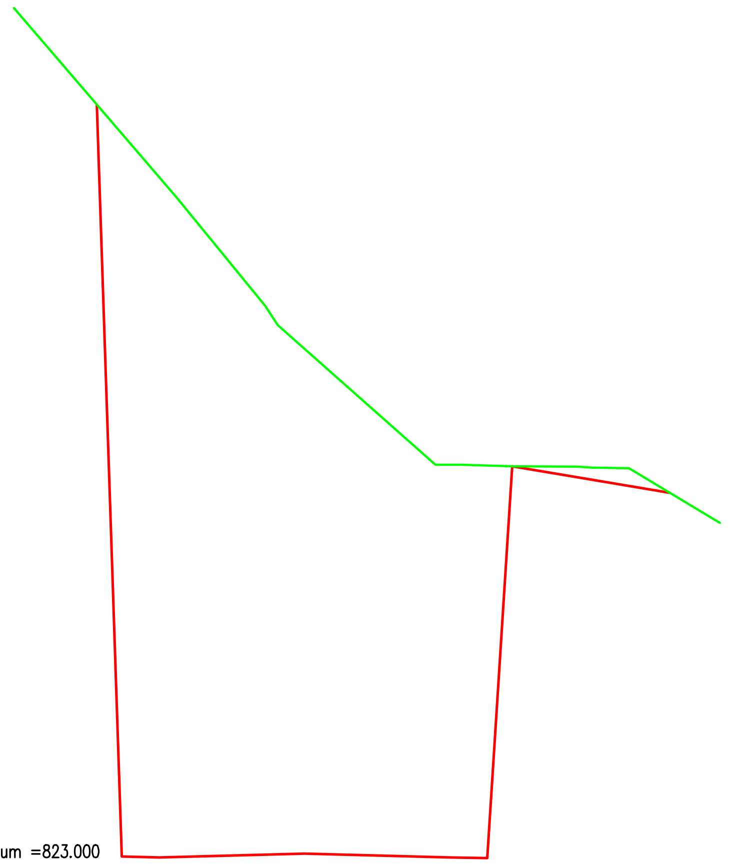
Level Datum =830.000



Design Levels	847.852, 830.753, 830.730, 830.818, 830.730, 830.708, 845.084
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	848.382, 848.102, 847.417, 846.487, 846.275, 845.175, 845.154, 845.120, 845.108, 845.095, 844.801
Exi. Ground Offset	-5.798, -5.345, -4.401, -3.146, -2.506, 1.135, 1.989, 3.061, 4.074, 4.939, 6.472

Chainage =32650.000

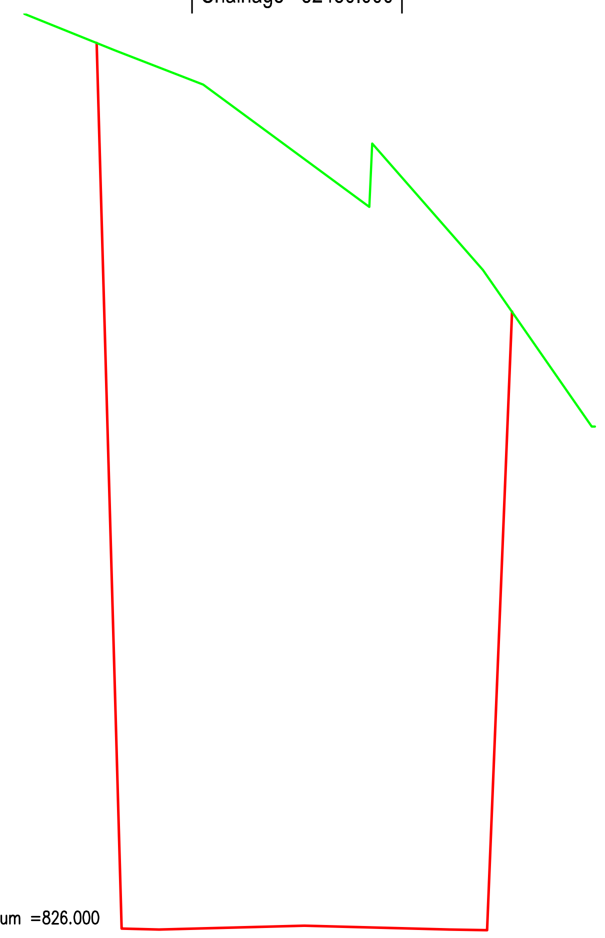
Level Datum =823.000



Design Levels	841.714, 823.604, 823.581, 823.669, 823.581, 823.559, 832.999, 832.359
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 8.800
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.800
Exi. Ground Levels	839.481, 836.872, 836.404, 836.153, 833.041, 833.040, 832.999, 832.991, 832.974, 832.956, 831.634
Exi. Ground Offset	-3.084, -0.951, -0.644, -0.366, 3.148, 3.741, 5.024, 6.558, 6.911, 7.810, 10.000

Chainage =32400.000

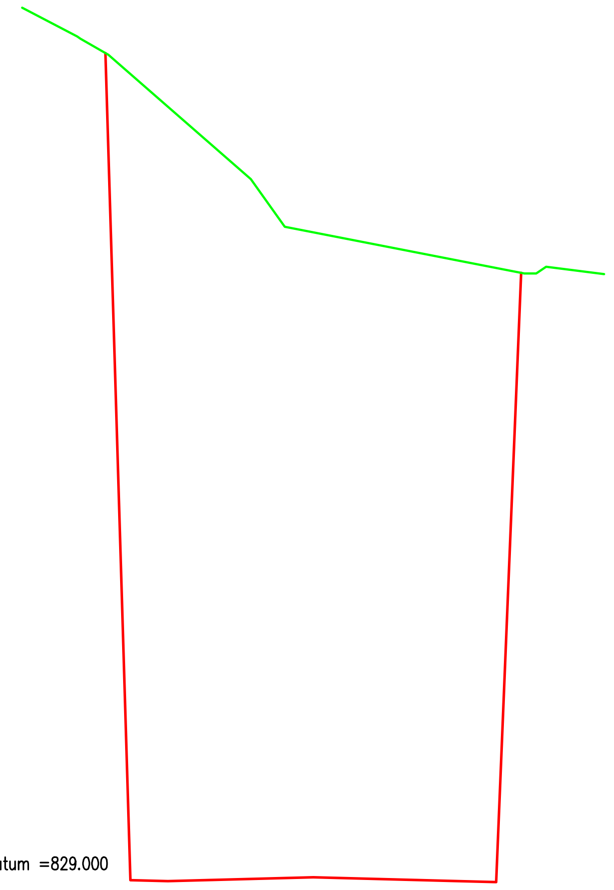
Level Datum =826.000



Design Levels	847.776, 826.463, 826.441, 826.528, 826.441, 826.418, 841.310
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	847.598, 846.775, 843.829, 845.359, 842.316, 838.542
Exi. Ground Offset	-4.563, -2.434, 1.566, 1.635, 4.301, 6.924

Chainage =32500.000

Level Datum =829.000



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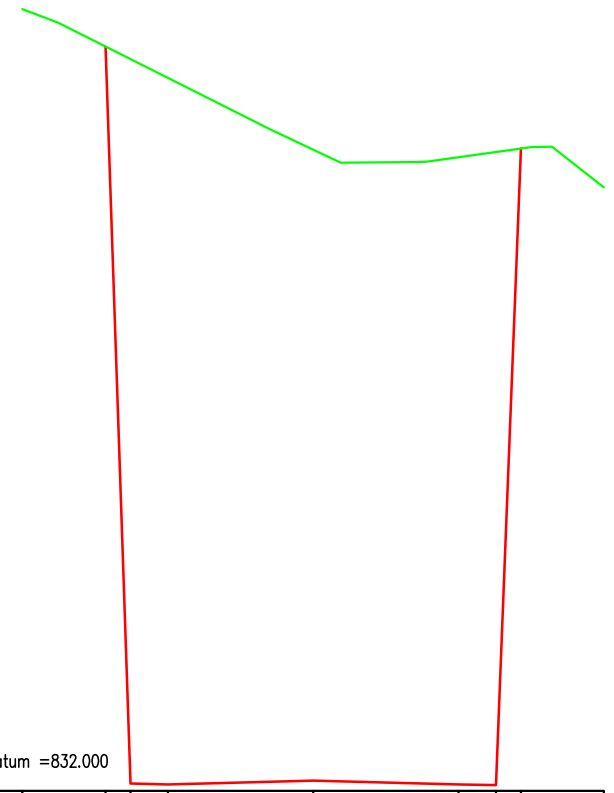
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	849.654, 849.602, 849.213, 846.219, 845.068, 843.945, 843.946, 844.102
Exi. Ground Offset	-5.677, -5.603, -4.931, -1.500, -0.682, 5.079, 5.367, 5.605

Chainage =32600.000

Level Datum =832.000



Design Levels	849.928, 832.182, 832.160, 832.247, 832.160, 832.137, 847.476
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	850.496, 847.932, 847.129, 847.150, 847.157, 847.512, 847.516
Exi. Ground Offset	-6.130, -1.028, 0.662, 2.431, 2.725, 5.263, 5.753

Chainage =32700.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widening/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 15		Sheet : 15 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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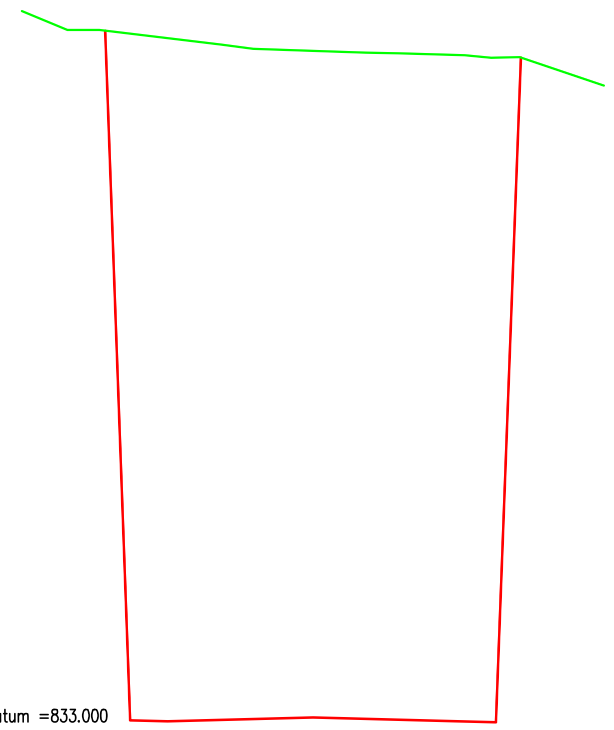
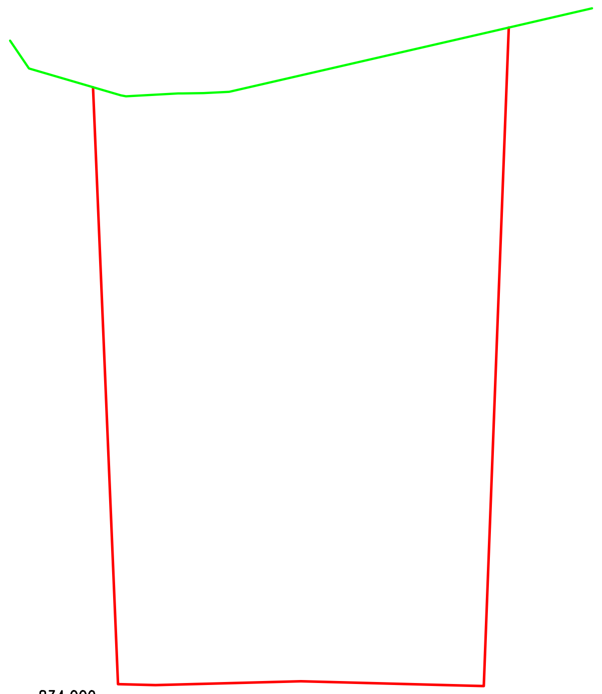


Level Datum =833.000

Design Levels	850.231	833.612	833.590	833.677	833.590	833.567	849.587			
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000			
Design Width	0.600	0.900	3.500	3.500	0.900	0.600				
Exi. Ground Levels	850.250	850.248	849.897	849.794	849.746	849.704	849.690	849.642	849.578	849.598
Exi. Ground Offset	-5.907	-5.139	-2.195	-1.438	-0.101	1.263	2.041	3.647	4.286	4.969

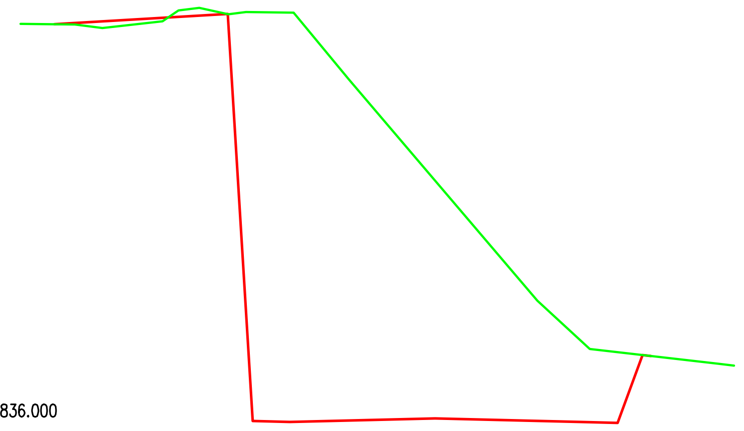
Chainage =32750.000



Level Datum =834.000

Design Levels	849.415	835.042	835.020	835.107	835.020	834.997	850.856	
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600		
Exi. Ground Levels	849.865	849.220	849.202	849.271	849.265	849.274	849.304	850.765
Exi. Ground Offset	-6.539	-4.331	-4.208	-2.951	-2.846	-2.343	-1.730	4.606

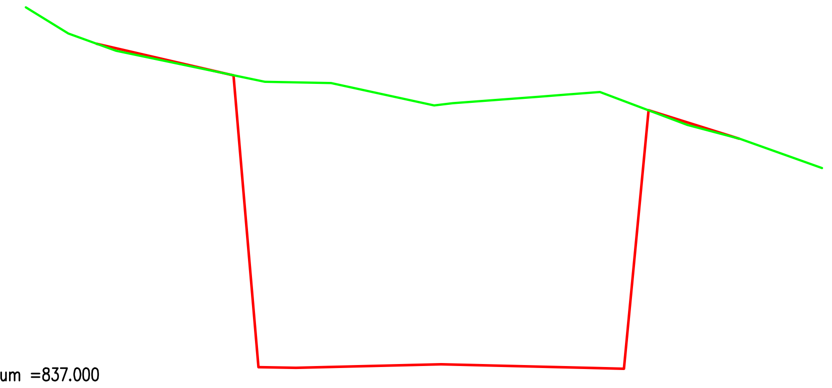
Chainage =32800.000



Level Datum =836.000

Design Levels	846.034	846.281	836.472	836.449	836.537	836.449	836.427	838.063	838.039				
Design Offset	-9.181	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.206				
Design Width	4.181	0.600	0.900	3.500	3.500	0.900	0.600						
Exi. Ground Levels	846.045	846.027	845.942	846.102	846.364	846.426	846.277	846.324	846.313	844.703	839.377	838.211	837.851
Exi. Ground Offset	-10.000	-8.689	-8.021	-6.574	-6.185	-5.687	-4.982	-4.562	-3.412	-2.075	2.461	3.727	6.826

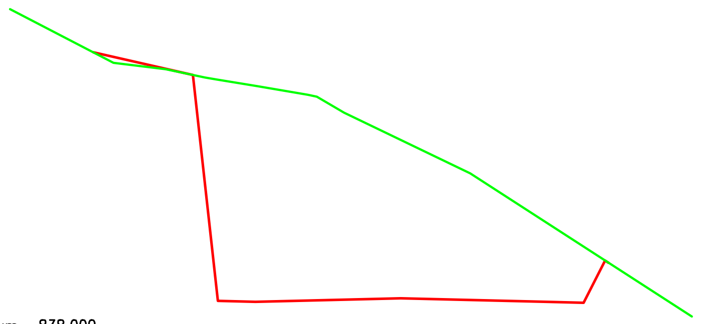
Chainage =32850.000



Level Datum =837.000

Design Levels	845.703	844.940	837.902	837.879	837.967	837.879	837.857	844.095	843.407			
Design Offset	-8.301	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	7.175			
Design Width	3.301	0.600	0.900	3.500	3.500	0.900	0.600	2.175				
Exi. Ground Levels	846.580	845.947	845.534	844.781	844.748	844.214	844.264	844.422	844.474	844.536	843.745	843.399
Exi. Ground Offset	-10.000	-8.976	-7.831	-4.245	-2.649	-0.170	0.277	2.334	3.013	3.826	5.930	7.205

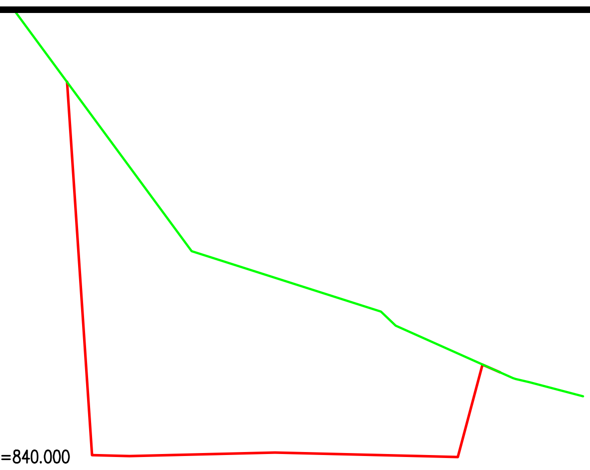
Chainage =32900.000



Level Datum =838.000

Design Levels	845.330	844.782	839.332	839.309	839.397	839.309	839.287	840.308	840.250
Design Offset	-7.399	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.911	5.000
Design Width	2.399	0.600	0.900	3.500	3.500	0.900	0.511		
Exi. Ground Levels	845.077	844.922	844.720	844.675	844.509	844.303	844.280	843.873	842.408
Exi. Ground Offset	-6.915	-5.656	-4.708	-4.438	-3.453	-2.233	-2.019	-1.363	1.671

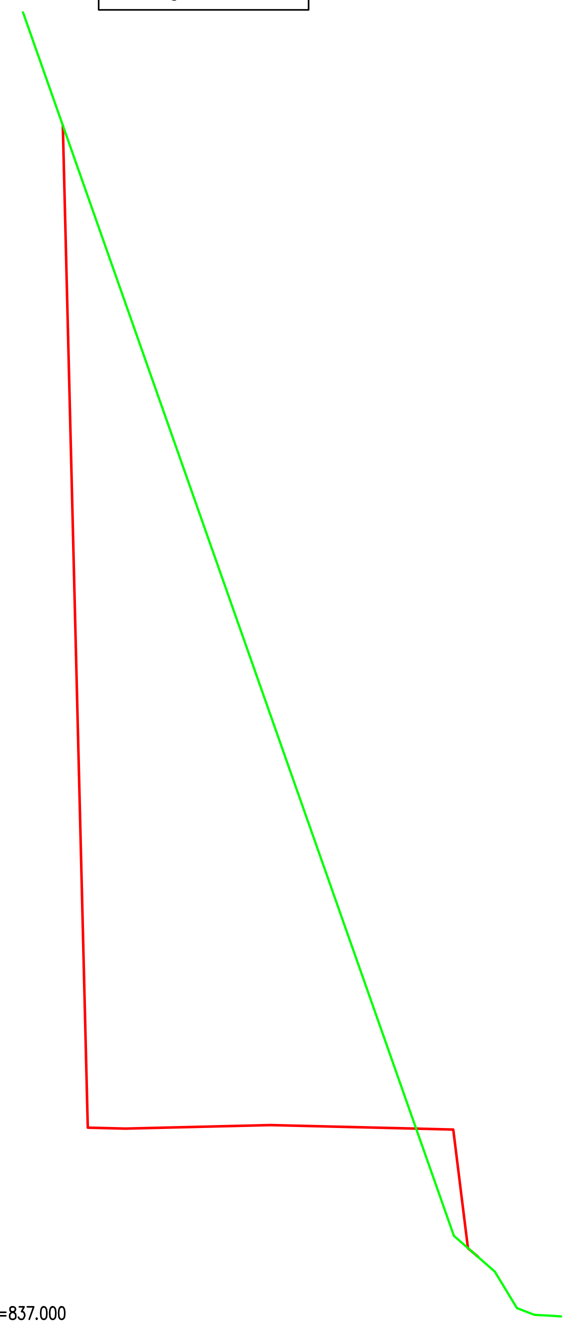
Chainage =32950.000



Level Datum =840.000

Design Levels	849.762	840.761	840.739	840.826	840.739	840.716	842.945	842.757
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.420
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.420	
Exi. Ground Levels	852.445	845.680	844.225	843.883	842.620	842.520		
Exi. Ground Offset	-6.968	-2.005	2.552	2.906	5.726	6.126		

Chainage =33000.000



Level Datum =837.000

Design Levels	866.335	842.191	842.169	842.256	842.169	842.146	839.296	839.076
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.758	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.358		
Exi. Ground Levels	839.586	838.726	837.845	837.682	837.658			
Exi. Ground Offset	4.412	5.404	5.936	6.360	6.784			

Chainage =33050.000

Level Datum =839.000

Design Levels	857.664	843.621	843.599	843.686	843.599	843.576	843.914	842.973
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.569	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.169		
Exi. Ground Levels	859.436	855.780	851.550	840.391	840.339			
Exi. Ground Offset	-6.369	-3.544	1.073	6.182	6.236			

Chainage =33100.000

Level Datum =836.000

Design Levels	846.640	845.708	843.935	843.913	844.000	843.913	843.890	837.589	837.465
Design Offset	-5.752	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.203
Design Width	0.752	0.600	0.900	3.500	3.500	0.900	0.600		
Exi. Ground Levels	843.110	840.218	839.542	837.968					
Exi. Ground Offset	-2.901	0.383	1.685	4.381					

Chainage =33150.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 16
Sheet :	16 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
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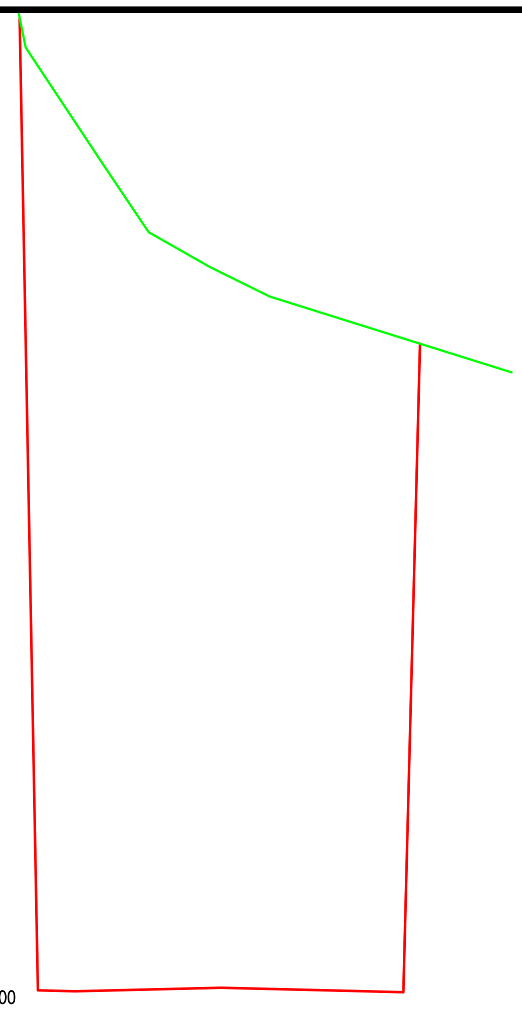
Level Datum =829.000

Design Levels	838.658	838.576	843.935	843.913	844.000	843.913	843.890	831.691	830.841	
Design Offset	−5.060	−5.000	−4.400	−3.500	0.000	3.500	4.400	5.000	6.031	
Design Width	0.060	0.900	3.500	3.500	0.900	0.600	1.031			
Exi. Ground Levels	840.043	836.984	835.973	829.461						
Exi. Ground Offset	−6.064	−3.846	−0.197	7.706						

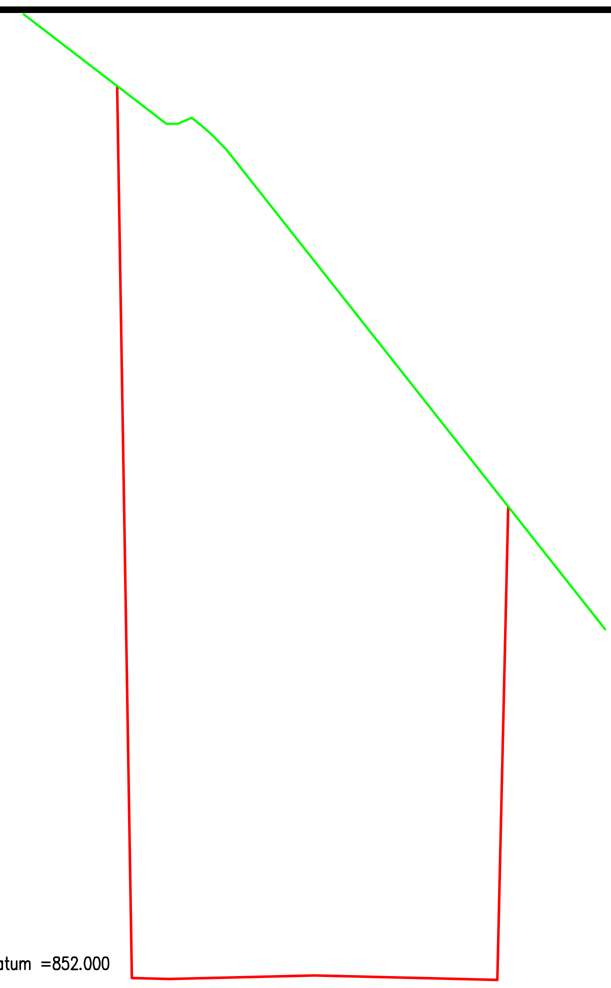
Chainage =33200.000



Level Datum =846.000

Design Levels	879.274	846.891	846.868	846.956	846.868	846.846	870.573		
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	877.766	874.894	873.319	872.487	871.773				
Exi. Ground Offset	−4.688	−2.784	−1.732	−0.267	1.182				

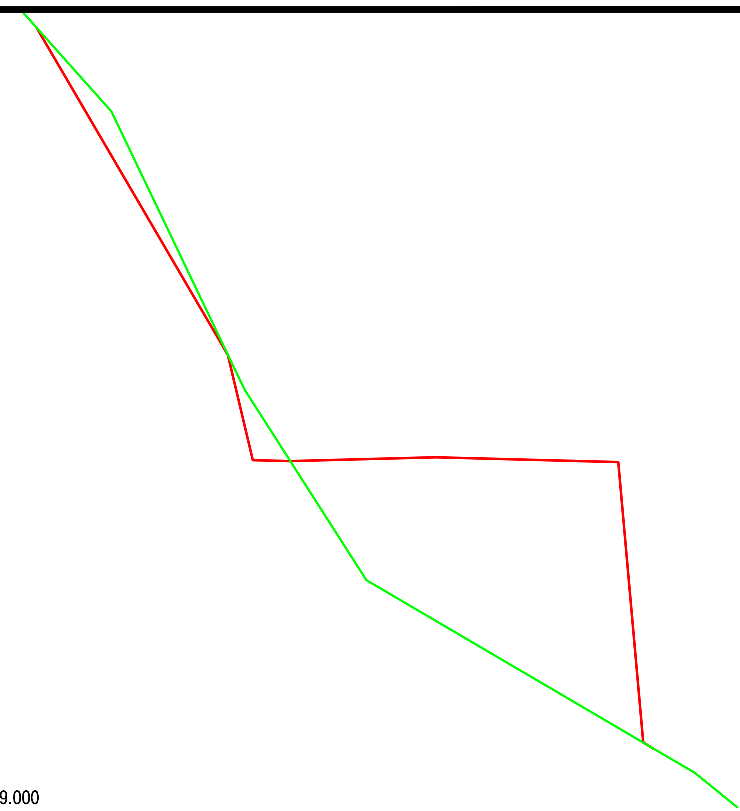
Chainage =33300.000



Level Datum =852.000

Design Levels	888.888	852.368	852.346	852.433	852.346	852.323	878.152
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Exi. Ground Levels	887.785	887.784	887.932	887.740	887.521	887.174	
Exi. Ground Offset	−3.563	−3.293	−3.258	−2.919	−2.467	−2.126	

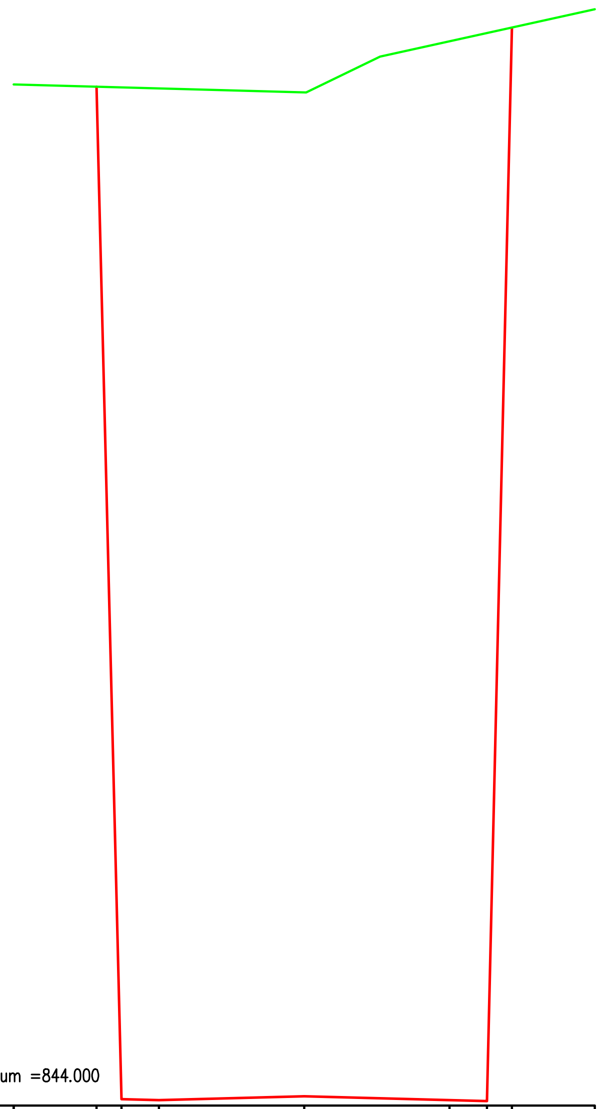
Chainage =33400.000



Level Datum =849.000

Design Levels	868.276	860.378	857.846	857.824	857.911	857.824	857.801	851.045	850.890	
Design Offset	−9.615	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000	5.264	
Design Width	4.615	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	868.708	866.245	859.551	854.959	850.316					
Exi. Ground Offset	−10.000	−7.805	−4.605	−1.662	6.242					

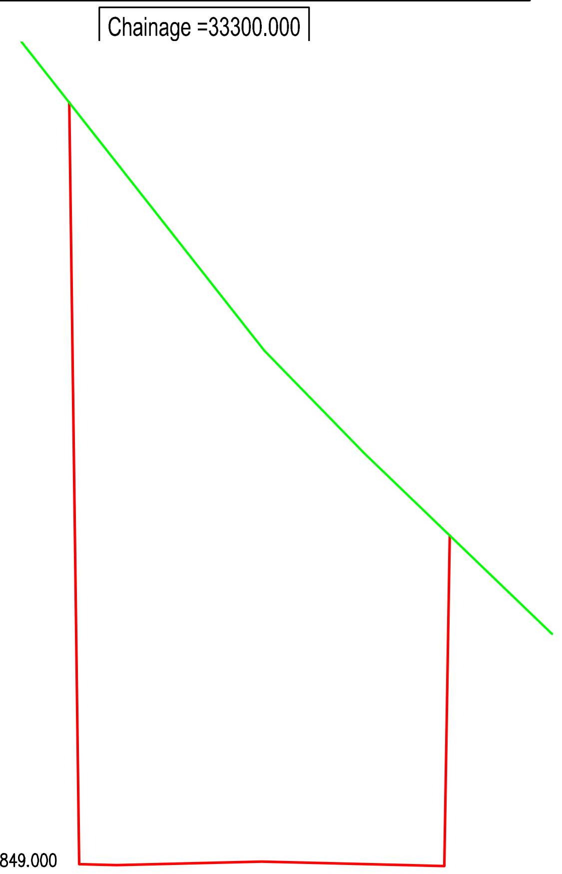
Chainage =33500.000



Level Datum =844.000

Design Levels	868.543	844.155	844.132	844.220	844.132	844.110	869.965
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Exi. Ground Levels	868.405	869.264					
Exi. Ground Offset	0.047	1.824					

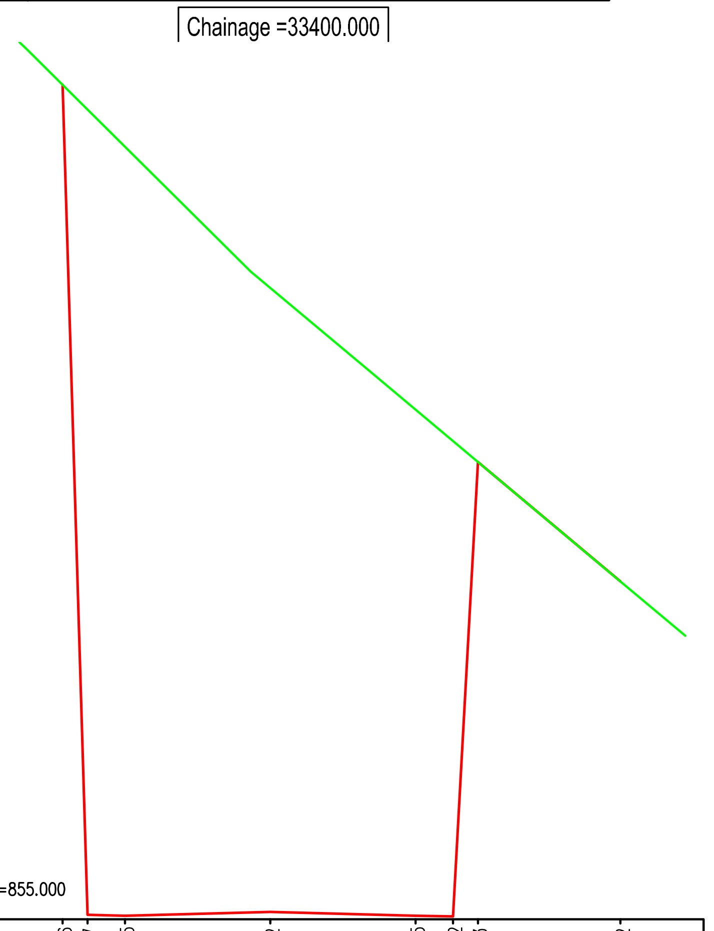
Chainage =33250.000



Level Datum =849.000

Design Levels	896.200	849.630	849.607	849.695	849.607	849.585	884.863
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Exi. Ground Levels	892.700	889.763	887.284				
Exi. Ground Offset	−2.247	0.063	2.482				

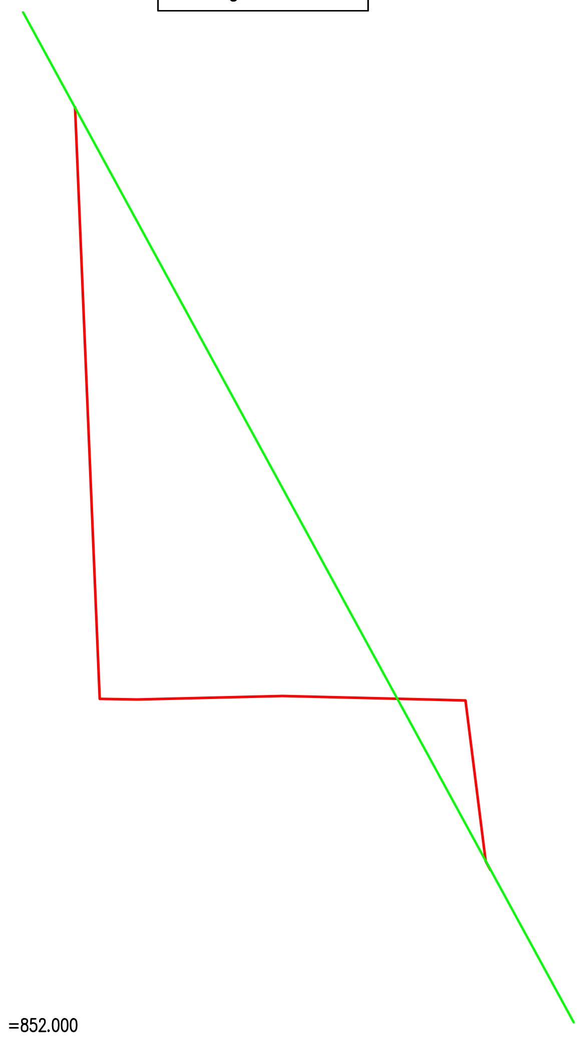
Chainage =33350.000



Level Datum =855.000

Design Levels	875.096	855.107	855.085	855.172	855.085	855.062	866.013	863.132
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000	8.435
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.435	
Exi. Ground Levels	875.954	870.592	868.144	863.474	861.822			
Exi. Ground Offset	−5.863	−0.472	2.461	8.027	10.000			

Chainage =33450.000



Level Datum =852.000

Design Levels	874.834	860.585	860.563	860.650	860.563	860.540	856.674	856.460
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	4.883	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.483		
Exi. Ground Levels	878.322							
Exi. Ground Offset	−6.899							

Chainage =33550.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 17
Sheet :	17 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:
Technocrats Advisory Services Pvt. Ltd.
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PH:0120-2400144

Level Datum =863.000

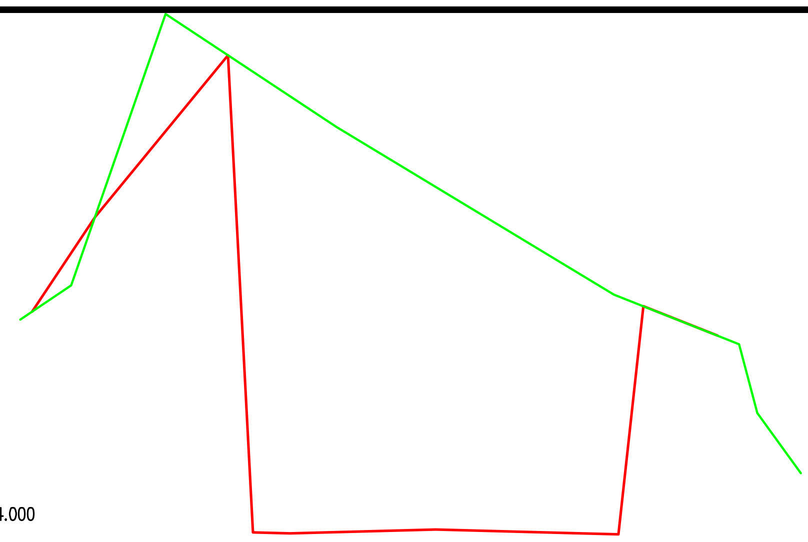
Design Levels	888.615, 863.324, 863.302, 863.389, 863.302, 863.279, 869.721, 868.776
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.148
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.148
Exi. Ground Levels	888.213, 876.506, 874.262, 872.072, 869.737
Exi. Ground Offset	-4.823, -1.097, 0.475, 4.004, 4.965

Chainage =33600.000

Level Datum =868.000

Design Levels	892.279, 868.802, 868.779, 868.867, 868.779, 868.757, 876.892, 877.794
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.918
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.918
Exi. Ground Levels	890.880, 888.421, 887.163, 883.236, 876.514, 878.555, 877.571, 876.979
Exi. Ground Offset	-3.752, -0.535, 0.311, 2.831, 4.519, 7.115, 9.445, 10.000

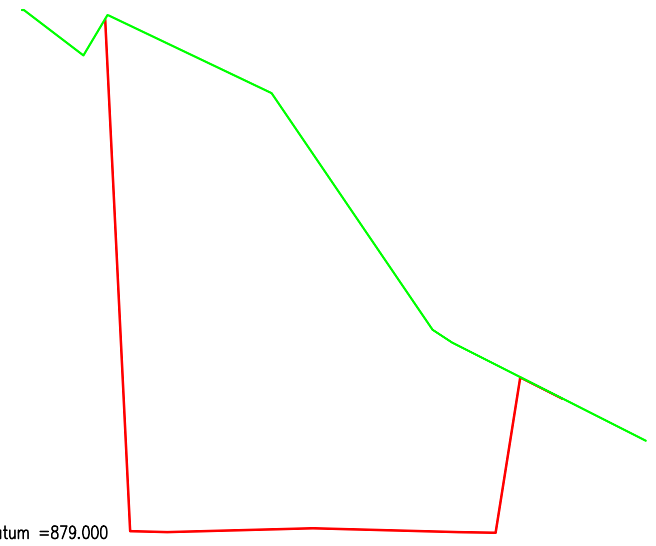
Chainage =33700.000



Level Datum =874.000

Design Levels	879.595, 881.876, 885.769, 874.280, 874.257, 874.345, 874.257, 874.235, 879.723, 879.015
Design Offset	-9.715, -8.198, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.790
Design Width	1.517, 3.198, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.790
Exi. Ground Levels	879.405, 880.225, 886.760, 884.045, 880.004, 878.811, 877.149
Exi. Ground Offset	-10.000, -8.772, -6.501, -2.390, 4.292, 7.305, 7.743

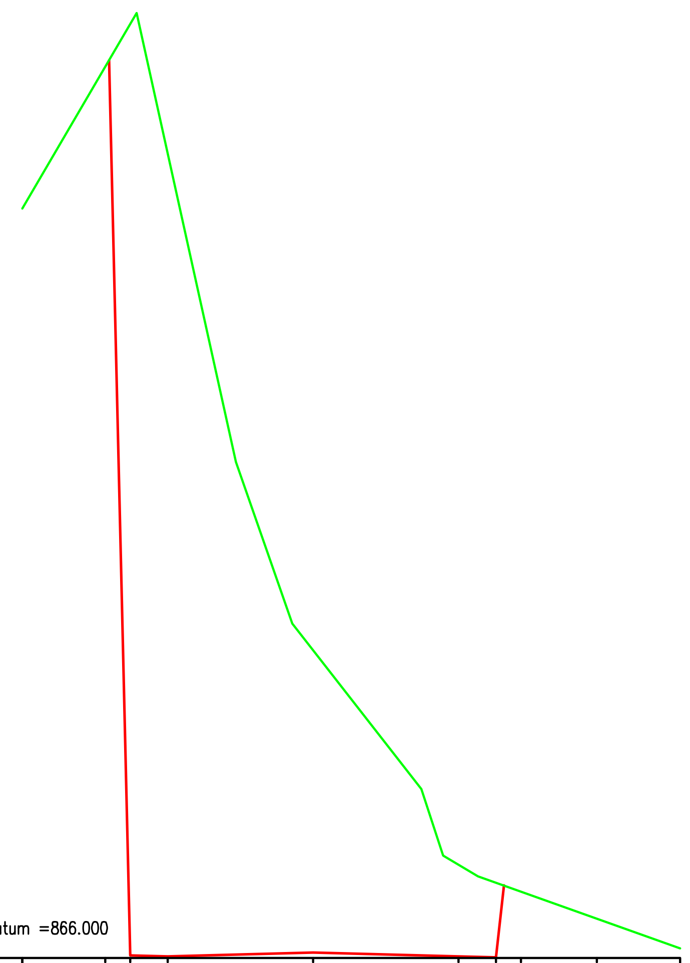
Chainage =33800.000



Level Datum =879.000

Design Levels	892.092, 879.757, 879.735, 879.822, 879.735, 879.712, 883.463, 882.947
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.017
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.017
Exi. Ground Levels	892.313, 891.222, 892.188, 892.185, 890.307, 884.607, 884.297
Exi. Ground Offset	-6.959, -5.524, -4.942, -4.916, -0.993, 2.883, 3.356

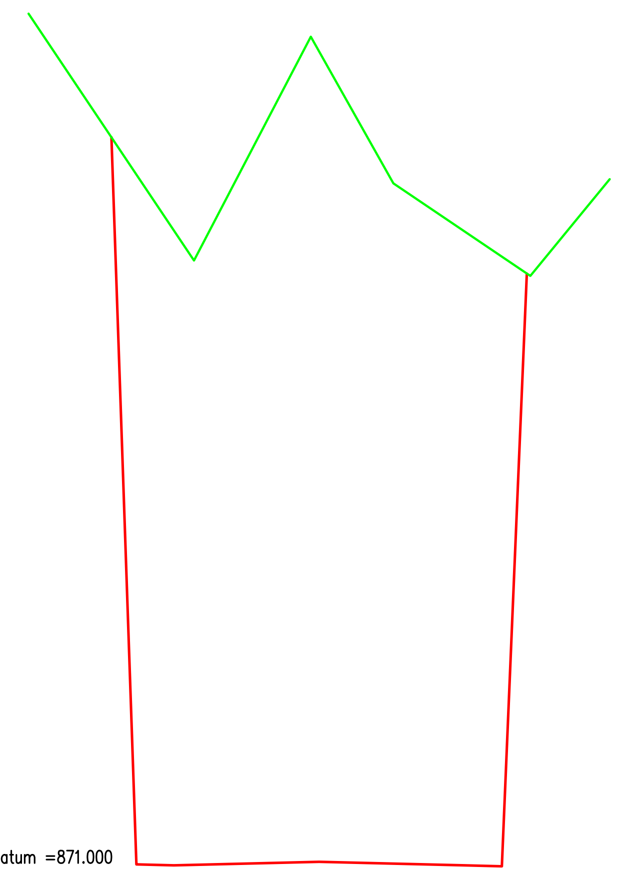
Chainage =33900.000



Level Datum =866.000

Design Levels	891.394, 866.063, 866.040, 866.128, 866.040, 866.018, 871.523, 870.870
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.826
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.826
Exi. Ground Levels	892.680, 881.869, 877.977, 873.996, 872.391, 871.892
Exi. Ground Offset	-4.247, -1.855, -0.502, 2.600, 3.125, 3.970

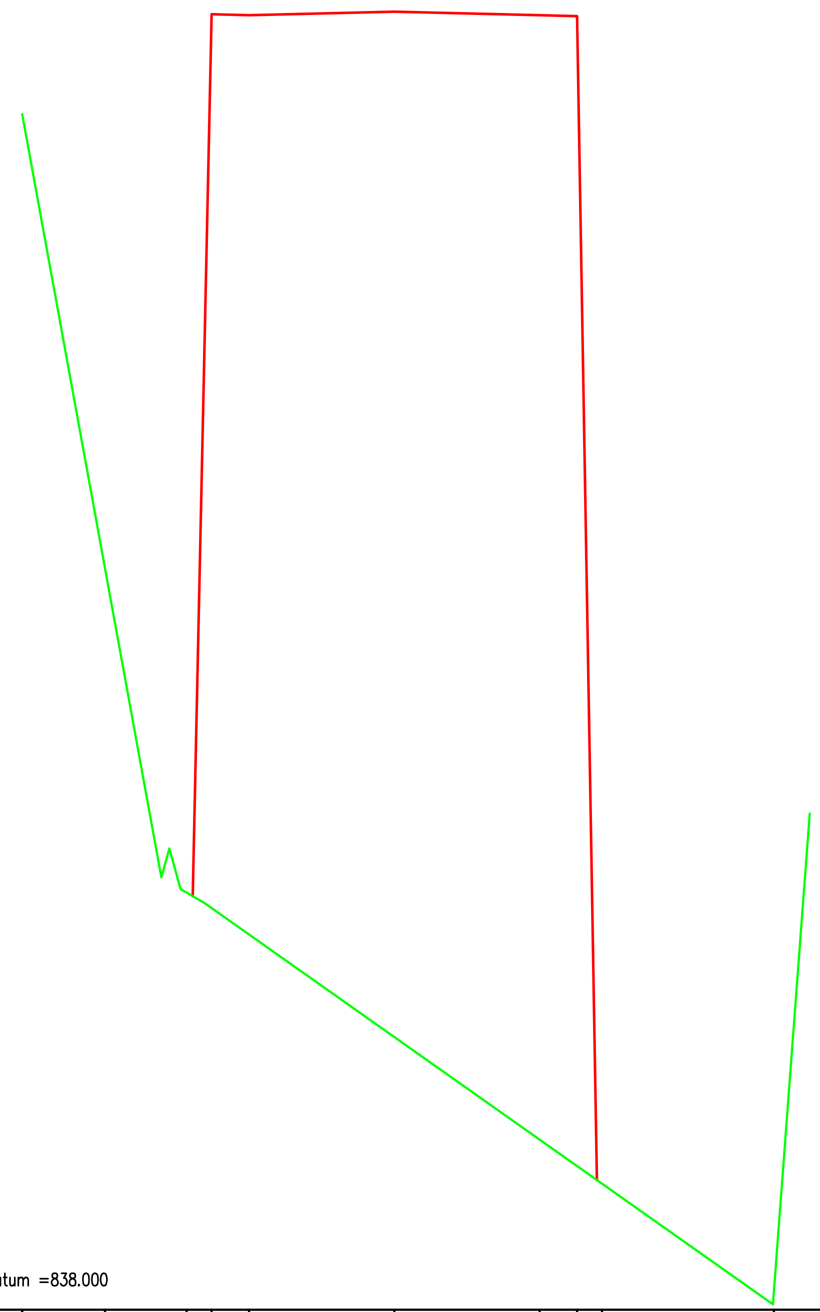
Chainage =33650.000



Level Datum =871.000

Design Levels	889.047, 871.541, 871.518, 871.606, 871.518, 871.496, 885.766
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	886.081, 891.474, 887.937, 885.710
Exi. Ground Offset	-3.010, -0.203, 1.789, 5.083

Chainage =33750.000



Level Datum =838.000

Design Levels	856.517, 848.717, 877.019, 876.996, 877.084, 876.996, 876.974, 841.698, 839.099
Design Offset	-6.963, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 9.134
Design Width	1.963, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.134
Exi. Ground Levels	849.838, 849.780, 848.803, 848.471, 838.790, 850.618
Exi. Ground Offset	-5.744, -5.413, -5.148, -4.575, 9.111, 10.000

Chainage =33850.000

Level Datum =882.000

Design Levels	900.188, 882.496, 882.474, 882.561, 882.474, 882.451, 894.207, 892.609
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 9.479
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.479
Exi. Ground Levels	899.153, 898.503, 897.338, 895.077, 895.098, 895.191, 895.206, 894.199, 892.616, 892.417
Exi. Ground Offset	-4.249, -3.704, -2.710, -0.122, 0.848, 2.176, 2.761, 5.018, 9.460, 10.000

Chainage =33950.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section	
Chainage :-		
Drawing No. :-	AIPPL/BRO/DPR/CS/ 18	Sheet : 18 of End
Scale :-	NTS	
Drng. / Dgn.by / Appd.by		Date: OCT-2021

CONSULTANT:

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Level Datum =885.000

Design Levels	907.624 885.235 885.213 885.300 885.213 885.190 895.519 894.434
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 9.022
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.022
Exi. Ground Levels	905.109 898.773 896.816 896.829 895.449 895.500 895.531 895.436 895.004 894.556 894.127
Exi. Ground Offset	−3.528 −1.116 0.183 0.402 3.195 4.584 5.241 5.723 7.161 8.635 10.000

Chainage =34000.000

Level Datum =890.000

Design Levels	910.541 890.713 890.691 890.778 890.691 890.668 902.258 901.222
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 9.677
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.677
Exi. Ground Levels	918.778 918.101 915.878 908.997 908.901 905.471 903.815 903.751 903.669 903.585 902.803 901.150
Exi. Ground Offset	−6.404 −5.703 −5.358 −4.843 −4.770 −4.046 −1.841 −1.044 −0.122 0.878 2.539 10.000

Chainage =34100.000

Level Datum =896.000

Design Levels	930.481 896.191 896.168 896.256 896.168 896.146 910.916
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	930.918 927.753 934.219 927.835 913.941 914.034 911.170 911.172 911.173 911.019 910.929 910.654
Exi. Ground Offset	−5.105 −4.346 −2.171 −1.439 0.163 0.758 2.311 2.360 2.818 3.335 4.980 5.414

Chainage =34200.000

Level Datum =901.000

Design Levels	923.772 901.669 901.646 901.734 901.646 901.624 911.563 910.038
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 8.607
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.607
Exi. Ground Levels	926.402 918.671 920.103 919.881 912.132 912.136 912.143 912.109 910.523 910.463 909.410 909.397
Exi. Ground Offset	−5.447 −4.133 −3.256 −2.842 1.860 2.383 3.450 4.137 6.644 7.685 9.970 10.000

Chainage =34300.000

Level Datum =887.000

Design Levels	901.258 887.974 887.952 888.039 887.952 887.929 895.285 894.359
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 7.615
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.615
Exi. Ground Levels	905.209 900.295 900.049 896.924 896.910 896.877 896.847 894.616 894.050 893.648
Exi. Ground Offset	−6.047 −4.745 −4.013 −1.993 −1.039 −0.073 1.015 6.705 8.707 9.215

Chainage =34050.000

Level Datum =893.000

Design Levels	925.503 893.452 893.429 893.517 893.429 893.407 907.201 904.238
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 9.816
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.816
Exi. Ground Levels	925.705 912.654 909.503 908.482 908.524 908.536 908.536 908.531 904.125
Exi. Ground Offset	−4.590 −1.179 −0.727 −0.322 0.989 1.447 1.926 2.838 10.000

Chainage =34150.000

Level Datum =898.000

Design Levels	916.116 898.930 898.907 898.995 898.907 898.885 911.487 909.937
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 9.926
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.926
Exi. Ground Levels	917.263 916.709 914.287 913.933 913.639 912.325 911.447 911.449 911.465 911.472 911.515 911.148 909.907
Exi. Ground Offset	−6.932 −5.920 −2.164 −1.779 −1.044 0.942 2.264 2.334 4.119 4.390 6.060 6.940 10.000

Chainage =34250.000

Level Datum =904.000

Design Levels	916.584 904.408 904.385 904.473 904.385 904.363 912.998 912.414
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 8.426
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.426
Exi. Ground Levels	916.359 913.461 913.368 913.363 913.207 913.210 912.869 912.211 911.960
Exi. Ground Offset	−4.620 −1.149 0.944 1.027 3.057 3.346 6.009 9.509 10.000

Chainage =34350.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 19
Sheet :	19 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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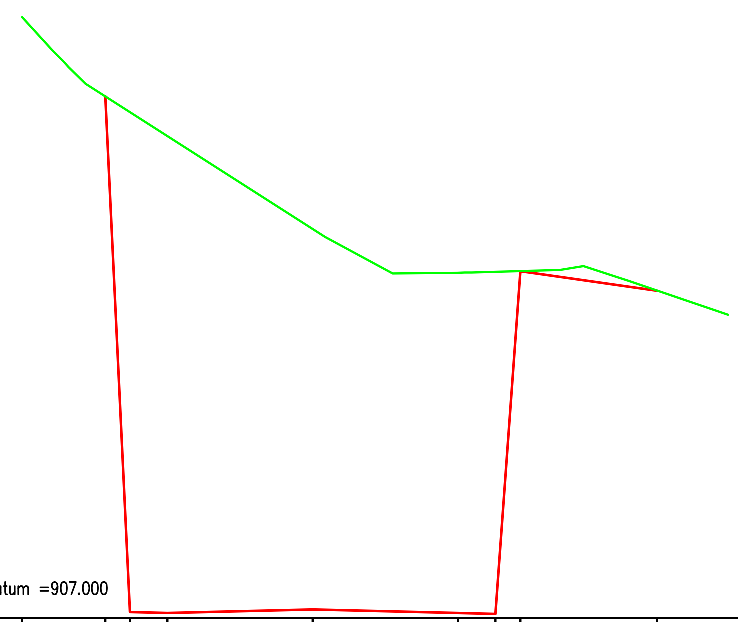
PH:0120-2400144



Level Datum =907.000

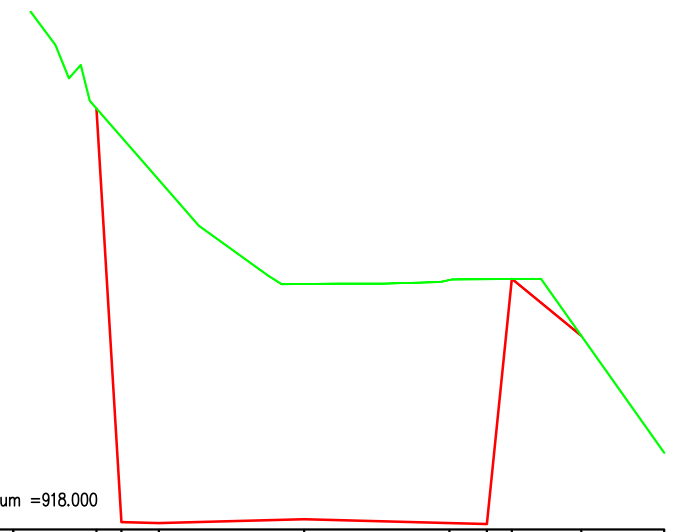
Design Levels	919.570, 907.146, 907.124, 907.211, 907.124, 907.101, 915.362, 914.890
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 8.294
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.294
Exi. Ground Levels	920.674, 920.274, 919.874, 916.186, 915.304, 915.322, 915.330, 915.388, 915.480, 915.124, 914.309
Exi. Ground Offset	-6.266, -5.881, -5.474, 0.295, 1.922, 3.479, 3.831, 5.955, 6.514, 7.606, 10.000

Chainage =34400.000

Level Datum =912.000

Design Levels	929.786, 912.631, 912.609, 912.696, 912.609, 912.586, 920.233, 918.863
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 7.539
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.539
Exi. Ground Levels	926.718, 925.957, 925.395, 924.733, 924.102, 921.724, 921.027, 921.040, 920.316, 920.310, 920.339, 920.229
Exi. Ground Offset	-2.669, -2.088, -1.664, -1.380, -1.033, -0.721, -0.374, 0.177, 2.602, 3.053, 4.599, 5.015

Chainage =34500.000



Level Datum =918.000

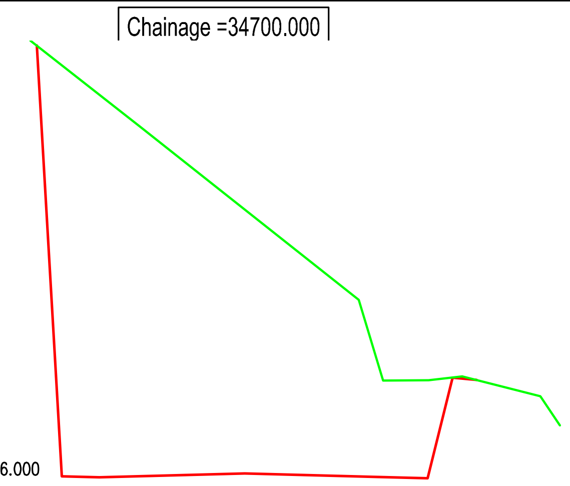
Design Levels	928.157, 918.181, 918.159, 918.246, 918.159, 918.136, 924.044, 922.677
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.670
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.670
Exi. Ground Levels	929.679, 928.884, 928.339, 925.326, 924.129, 923.920, 923.934, 923.935, 923.929, 923.967, 924.028, 924.051
Exi. Ground Offset	-5.987, -5.665, -5.159, -2.530, -0.880, -0.542, 0.765, 1.328, 1.916, 3.275, 3.559, 5.699

Chainage =34600.000

Level Datum =923.000

Design Levels	935.963, 923.759, 923.736, 923.824, 923.736, 923.714, 927.982, 926.848
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.967
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.967
Exi. Ground Levels	937.054, 933.610, 933.128, 938.165, 937.599, 929.550, 929.234, 928.617, 928.562, 928.543, 928.503, 928.484, 928.507
Exi. Ground Offset	-5.067, -4.856, -3.713, -2.782, -2.535, -1.387, -0.918, 0.543, 1.831, 2.298, 3.724, 4.214, 4.551

Chainage =34700.000



Level Datum =926.000

Design Levels	936.905, 926.548, 926.525, 926.613, 926.525, 926.503, 928.922, 928.863
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.580
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.580
Exi. Ground Levels	934.952, 930.789, 928.851, 928.855, 928.950, 928.476
Exi. Ground Offset	-2.514, 2.741, 3.330, 4.421, 5.235, 7.115

Chainage =34750.000

Level Datum =909.000

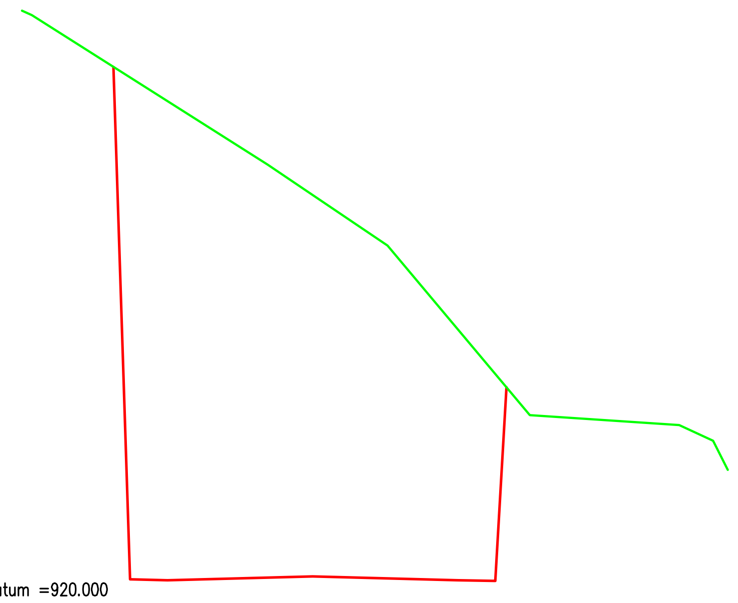
Design Levels	926.879, 909.885, 909.863, 909.950, 909.863, 909.840, 917.821, 917.512
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.236
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.236
Exi. Ground Levels	928.450, 926.633, 925.282, 920.837, 919.105, 917.639, 917.711, 917.762, 917.876, 917.913, 917.729, 917.176
Exi. Ground Offset	-6.196, -4.813, -3.419, 0.143, 0.572, 2.459, 3.660, 4.269, 5.662, 6.308, 7.095, 10.000

Chainage =34450.000

Level Datum =915.000

Design Levels	937.666, 915.397, 915.374, 915.462, 915.374, 915.352, 927.642, 925.527
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 9.488
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.488
Exi. Ground Levels	938.812, 935.849, 932.921, 928.055, 925.756, 926.401, 926.175, 925.979, 924.490
Exi. Ground Offset	-6.124, -3.219, -1.443, 4.504, 7.260, 8.582, 9.076, 9.264, 10.000

Chainage =34550.000



Level Datum =920.000

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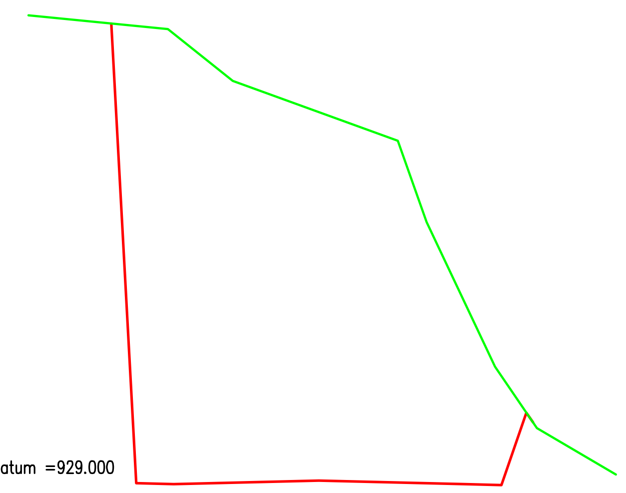
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.263
Exi. Ground Levels	940.725, 937.127, 935.173, 931.089, 930.851, 930.477, 929.772
Exi. Ground Offset	-6.765, -1.089, 1.804, 5.230, 8.829, 9.645, 10.000

Chainage =34650.000



Level Datum =929.000

Design Levels	940.412, 929.337, 929.314, 929.402, 929.314, 929.292, 931.033, 930.805
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Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	940.276, 939.027, 937.587, 935.631, 932.142, 930.664
Exi. Ground Offset	-3.643, -2.076, 1.902, 2.595, 4.241, 5.252

Chainage =34800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 20
Sheet :	20 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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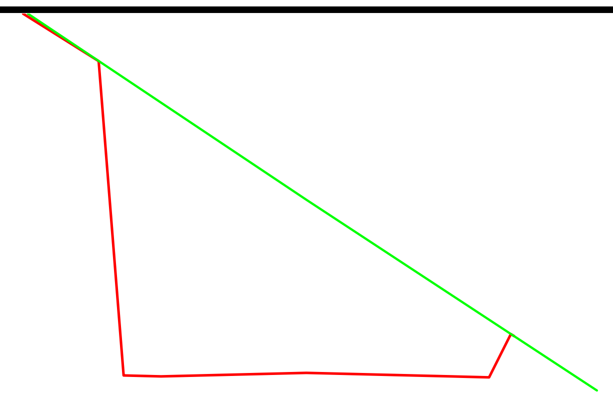
M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144



Level Datum =931.000

Design Levels	942.599, 939.691, 932.125, 932.103, 932.190, 932.103, 932.080, 933.125, 933.075
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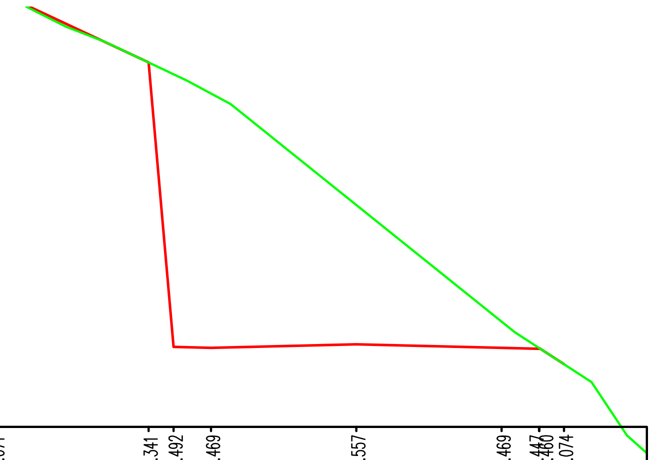
Design Width	4.637, 0.600, 0.900, 3.500, 3.500, 0.900, 0.523
Exi. Ground Levels	942.758, 942.236, 936.342
Exi. Ground Offset	-10.000, -8.809, 0.011

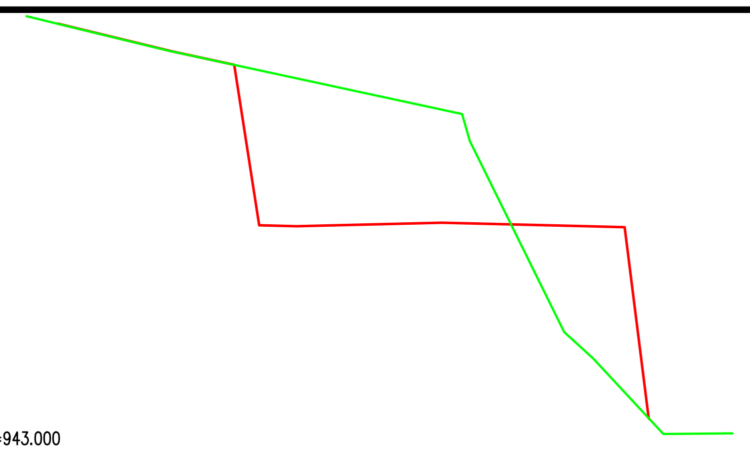
Chainage =34850.000



Level Datum =937.000

Design Levels	949.071, 947.341, 940.492, 940.469, 940.557, 940.469, 940.447, 940.460, 940.074
Design Offset	-8.690, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.407, 5.000
Design Width	3.690, 0.600, 0.900, 3.500, 3.500, 0.900, 0.007
Exi. Ground Levels	949.745, 948.200, 947.842, 946.903, 946.341, 940.844, 939.641, 938.355
Exi. Ground Offset	-10.000, -6.996, -6.061, -4.072, -3.026, 3.815, 5.667, 6.516

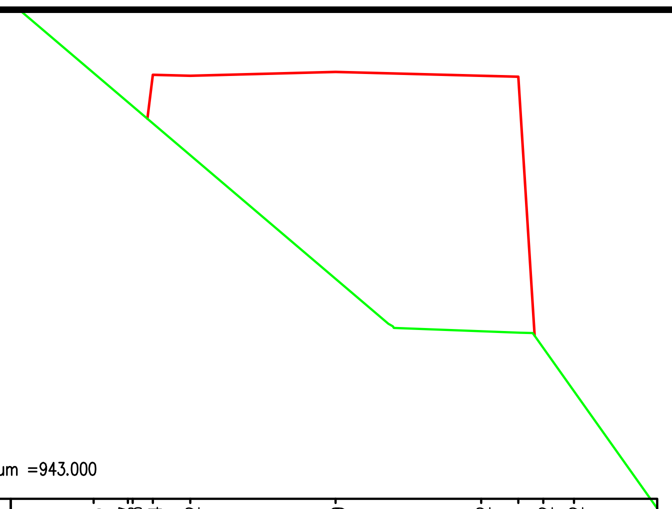
Chainage =35000.000



Level Datum =943.000

Design Levels	953.718, 953.047, 952.724, 948.858, 948.835, 948.923, 948.835, 948.813, 944.211, 944.185
Design Offset	-9.260, -6.495, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.975, 5.000
Design Width	2.765, 1.495, 0.600, 0.900, 3.500, 3.500, 0.900, 0.575
Exi. Ground Levels	953.898, 953.065, 951.538, 950.890, 946.284, 945.647, 943.827
Exi. Ground Offset	-10.000, -6.580, 0.484, 0.667, 2.945, 3.647, 5.331

Chainage =35150.000



Level Datum =943.000

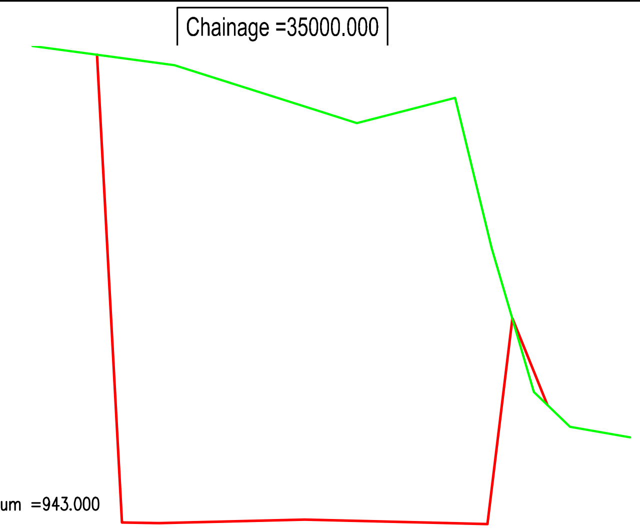
Design Levels	954.148, 953.447, 953.348, 957.224, 957.202, 957.289, 957.202, 957.179, 947.522, 946.482
Design Offset	-5.824, -5.000, -4.885, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.737
Design Width	0.824, 0.115, 0.900, 3.500, 3.500, 0.900, 0.600, 0.737
Exi. Ground Levels	948.106, 948.015, 947.981, 947.894, 947.884
Exi. Ground Offset	1.270, 1.399, 2.208, 4.441, 4.744

Chainage =35300.000

Level Datum =931.000

Design Levels	944.311, 942.034, 934.914, 934.892, 934.979, 934.892, 934.869, 934.334, 934.314
Design Offset	-9.099, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.467, 5.000
Design Width	4.099, 0.600, 0.900, 3.500, 3.500, 0.900, 0.067
Exi. Ground Levels	944.692, 942.975, 941.263, 939.160, 937.059, 936.253, 934.765, 934.748, 934.581, 934.569, 934.572, 934.562, 934.313, 933.488
Exi. Ground Offset	-10.000, -5.931, -4.238, -2.417, -0.894, -0.151, 0.780, 1.894, 2.754, 3.052, 3.541, 3.699, 5.017, 5.536

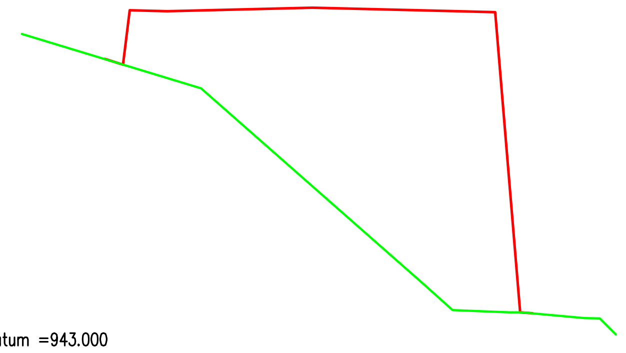
Chainage =34900.000



Level Datum =943.000

Design Levels	954.549, 943.280, 943.258, 943.345, 943.258, 943.235, 948.196, 946.114
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.839
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.839
Exi. Ground Levels	954.296, 953.190, 952.901, 953.503, 949.893, 946.425, 945.580
Exi. Ground Offset	-3.133, 0.345, 1.256, 3.627, 4.505, 5.517, 6.392

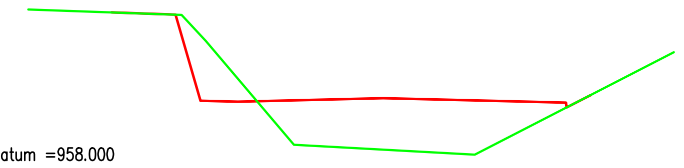
Chainage =35050.000



Level Datum =943.000

Design Levels	950.473, 950.458, 951.647, 951.624, 951.712, 951.624, 951.602, 944.372, 944.347
Design Offset	-5.000, -4.950, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.307
Design Width	0.050, 0.163, 0.900, 3.500, 3.500, 0.900, 0.600, 0.307
Exi. Ground Levels	949.770, 945.091, 944.428, 944.374, 944.371, 944.237, 944.225
Exi. Ground Offset	-2.680, 2.634, 3.373, 4.739, 5.027, 6.560, 6.922

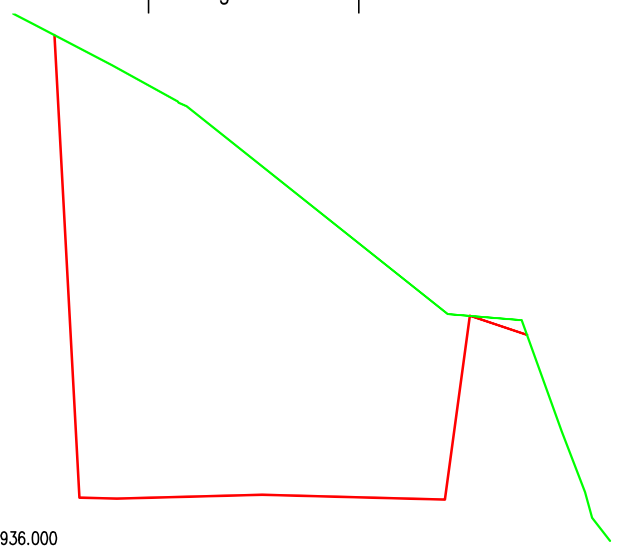
Chainage =35200.000



Level Datum =958.000

Design Levels	962.152, 962.114, 962.098, 960.013, 959.991, 960.078, 959.991, 959.968, 959.952, 960.154
Design Offset	-6.539, -5.451, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.414, 5.000
Design Width	1.088, 0.451, 0.600, 0.900, 3.500, 3.500, 0.900, 0.014
Exi. Ground Levels	962.093, 961.460, 958.952, 958.712
Exi. Ground Offset	-4.853, -4.265, -2.146, 2.201

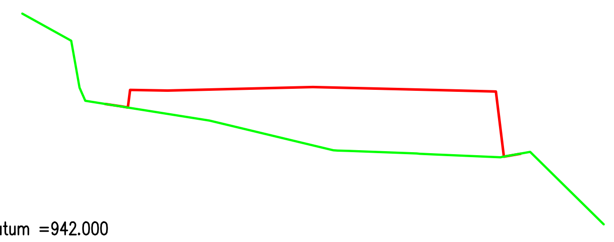
Chainage =35350.000



Level Datum =936.000

Design Levels	948.832, 937.703, 937.680, 937.768, 937.680, 937.658, 942.076, 941.619
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.381
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.381
Exi. Ground Levels	949.101, 948.108, 947.234, 947.119, 942.120, 941.971, 939.295, 937.831, 937.216
Exi. Ground Offset	-5.515, -3.616, -2.033, -1.822, 4.473, 6.254, 7.218, 7.777, 7.948

Chainage =34950.000



Level Datum =942.000

Design Levels	945.729, 945.663, 945.683, 946.069, 946.047, 946.134, 946.047, 946.024, 944.455, 944.528
Design Offset	-5.000, -4.588, -4.388, -4.400, -3.500, -0.000, 3.500, 4.400, 4.596, 5.000
Design Width	0.412, 0.900, 3.500, 3.500, 0.900, 0.196
Exi. Ground Levels	947.250, 945.806, 945.325, 944.608, 944.605, 944.590, 944.530, 944.528, 944.512, 944.442, 944.446, 944.570
Exi. Ground Offset	-5.817, -5.479, -2.489, 0.487, 0.691, 0.865, 2.498, 2.569, 2.911, 4.521, 4.546, 5.230

Chainage =35100.000

Level Datum =941.000

Design Levels	951.755, 951.000, 950.828, 954.436, 954.413, 954.501, 954.413, 954.391, 946.286, 946.100
Design Offset	-5.641, -5.000, -4.851, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.436
Design Width	0.641, 0.451, 0.900, 3.500, 3.500, 0.900, 0.600, 0.436
Exi. Ground Levels	953.266, 951.525, 950.244, 948.557, 947.702, 946.144, 946.033, 946.397, 946.440, 946.369, 946.331, 946.285, 946.214, 946.014
Exi. Ground Offset	-6.871, -5.454, -4.346, -3.304, -3.142, -1.609, -0.819, 0.364, 0.441, 1.744, 2.619, 5.035, 5.162, 5.644

Chainage =35250.000

Level Datum =952.000

Design Levels	960.251, 959.835, 959.885, 962.802, 962.779, 962.867, 962.779, 962.757, 954.939, 954.526
Design Offset	-5.581, -5.000, -4.790, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.429
Design Width	0.581, 0.390, 0.900, 3.500, 3.500, 0.900, 0.600, 0.429
Exi. Ground Levels	960.347, 958.758, 957.561, 957.352, 957.288, 955.604, 955.576, 955.554, 952.981
Exi. Ground Offset	-5.716, -3.494, -1.014, 0.157, 0.833, 2.817, 3.522, 4.360, 7.036

Chainage =35400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 21			Sheet : 21 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
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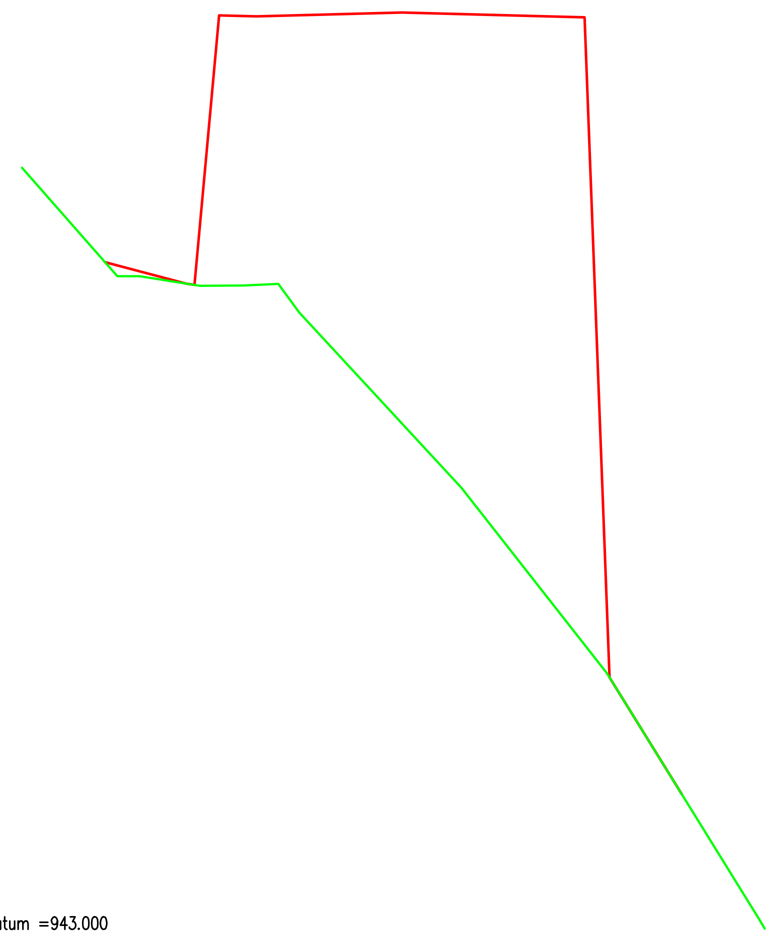
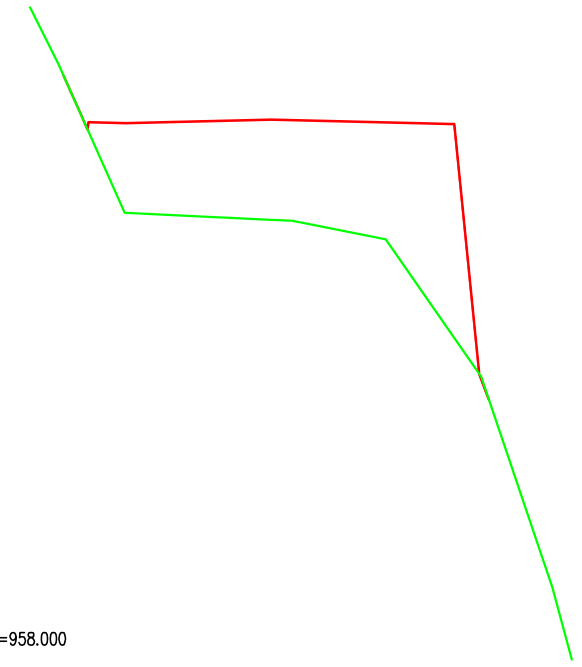
PH:0120-2400144



Level Datum =943.000

Design Levels	959.645, 959.129, 959.097, 965.591, 965.568, 965.656, 965.568, 965.546, 949.640, 946.830
Design Offset	-7.153, -5.208, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.739
Design Width	1.945, 0.208, 0.900, 3.500, 3.500, 0.900, 0.600, 1.739
Exi. Ground Levels	959.305, 959.307, 959.076, 959.087, 959.122, 958.438, 954.213, 949.744, 943.841
Exi. Ground Offset	-6.854, -6.326, -4.870, -3.809, -2.976, -2.479, 1.429, 4.936, 8.590

Chainage =35450.000



Level Datum =958.000

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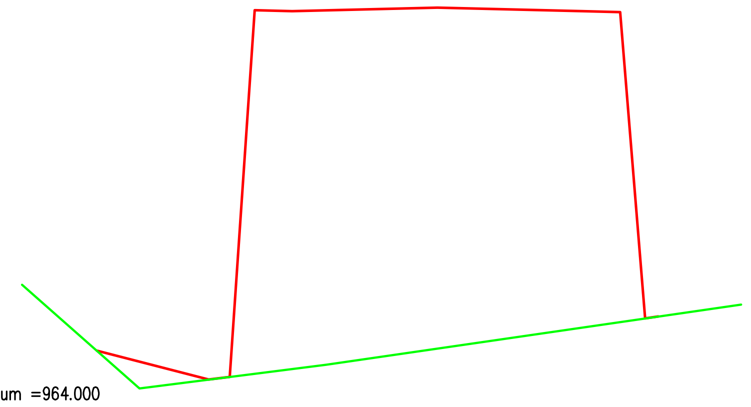
Design Width	0.424, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	975.648, 972.577, 968.992, 968.964, 968.879, 968.871, 968.827, 968.794, 968.715, 968.352, 965.037, 959.970
Exi. Ground Offset	-6.667, -5.123, -3.532, -3.067, -1.335, -1.130, -0.210, 0.503, 0.931, 2.754, 5.043, 6.757

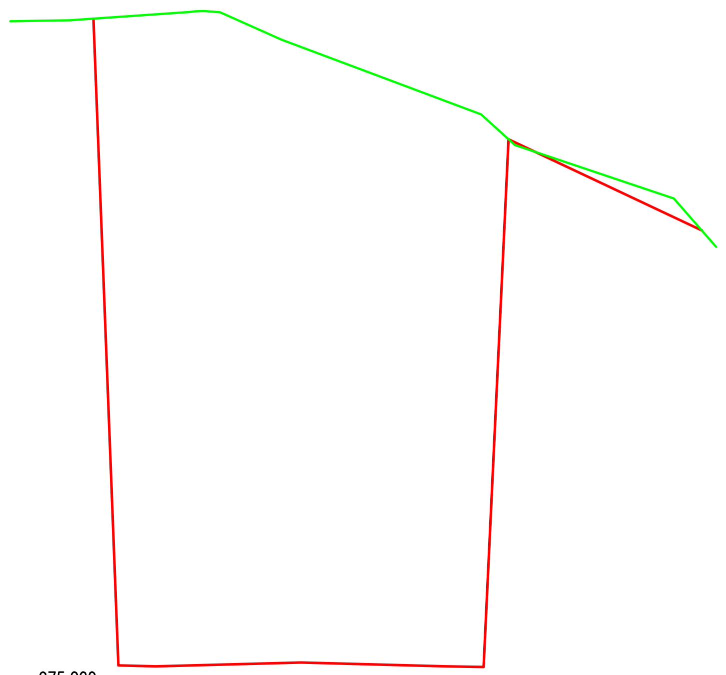
Chainage =35550.000



Level Datum =964.000

Design Levels	965.755, 965.060, 965.125, 973.957, 973.935, 974.022, 973.935, 973.912, 966.534, 966.580
Design Offset	-8.198, -5.512, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.317
Design Width	2.685, 0.512, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.317
Exi. Ground Levels	967.343, 964.849, 965.420
Exi. Ground Offset	-10.000, -7.170, -2.683

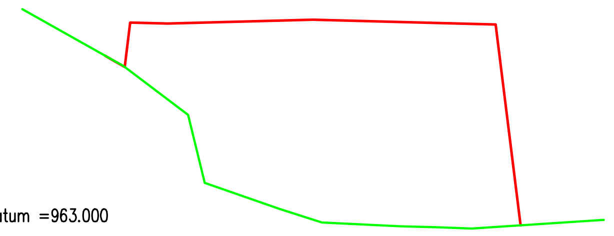
Chainage =35650.000



Level Datum =975.000

Design Levels	991.622, 976.039, 976.016, 976.104, 976.016, 975.994, 988.712, 986.514
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 9.660
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.660
Exi. Ground Levels	991.582, 991.784, 991.802, 991.772, 991.114, 989.316, 988.572, 987.285, 986.126
Exi. Ground Offset	-5.572, -2.673, -2.339, -1.947, -0.459, 4.340, 5.153, 8.983, 10.000

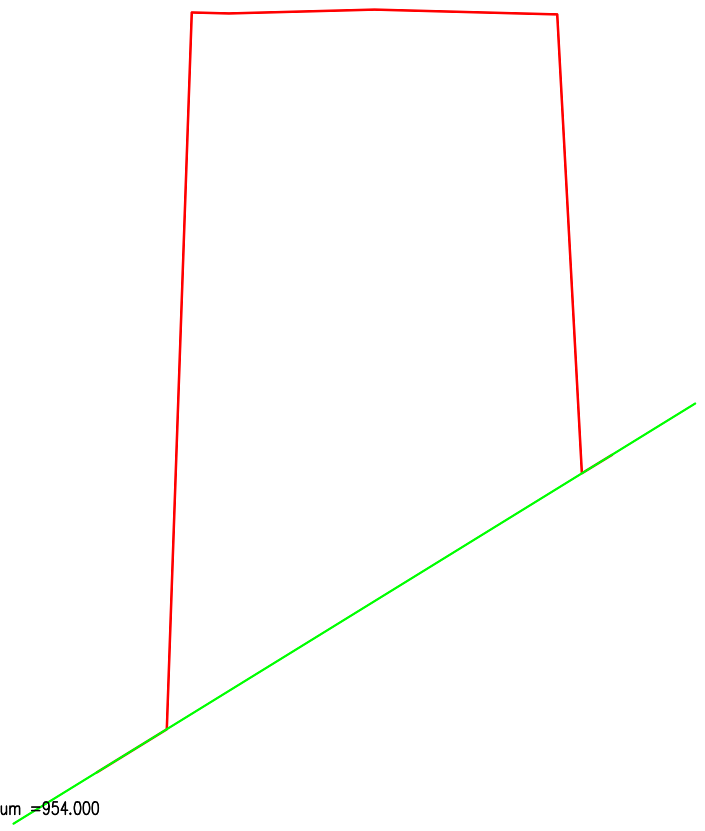
Chainage =35750.000



Level Datum =963.000

Design Levels	967.575, 967.473, 968.379, 968.357, 968.444, 968.357, 968.334, 963.485, 963.485
Design Offset	-5.000, -4.820, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.006
Design Width	0.180, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	967.329, 966.155, 964.511, 963.881, 963.554, 963.542, 963.464, 963.440, 963.407, 963.615
Exi. Ground Offset	-4.564, -3.008, -2.603, -0.797, 0.212, 0.522, 2.110, 2.995, 3.822, 6.984

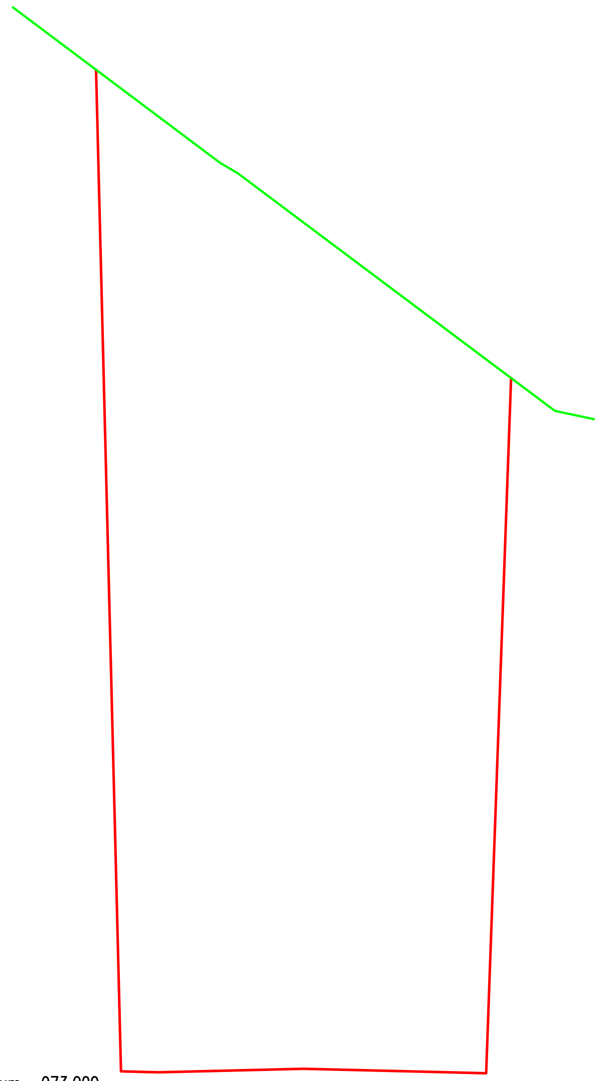
Chainage =35500.000



Level Datum =954.000

Design Levels	955.584, 956.625, 973.887, 973.865, 973.952, 973.865, 973.842, 962.790, 963.237
Design Offset	-6.688, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.726
Design Width	1.688, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.726
Exi. Ground Levels	
Exi. Ground Offset	

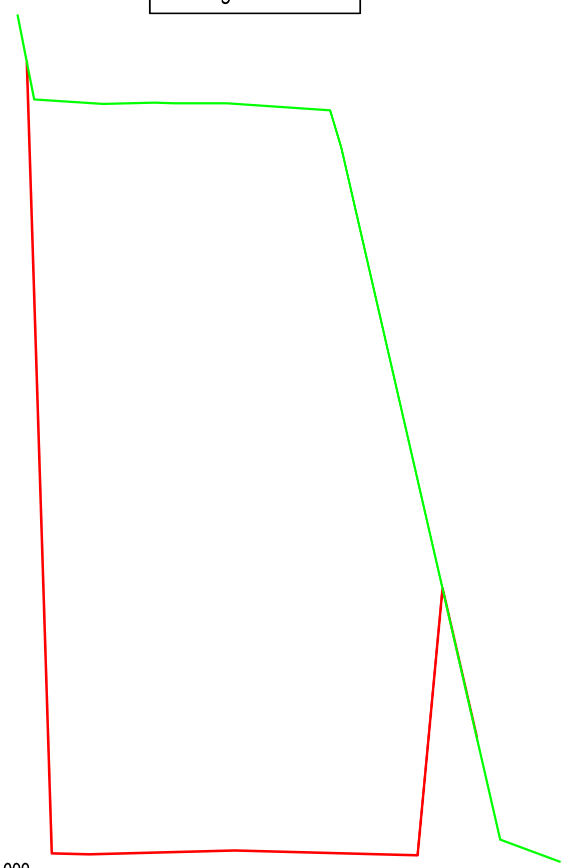
Chainage =35600.000



Level Datum =973.000

Design Levels	998.135, 974.009, 973.987, 974.074, 973.987, 973.964, 990.710
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	995.891, 995.635, 989.916
Exi. Ground Offset	-2.007, -1.581, 6.061

Chainage =35700.000



Level Datum =977.000

Design Levels	997.189, 978.121, 978.098, 978.186, 978.098, 978.076, 984.508, 980.921
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.823
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.823
Exi. Ground Levels	1003.187, 1002.852, 996.277, 996.164, 996.197, 996.186, 996.186, 996.015, 995.115, 978.447
Exi. Ground Offset	-6.292, -6.100, -4.823, -3.169, -1.919, -1.447, -0.195, 2.299, 2.567, 6.390

Chainage =35800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 22
Sheet :	22 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

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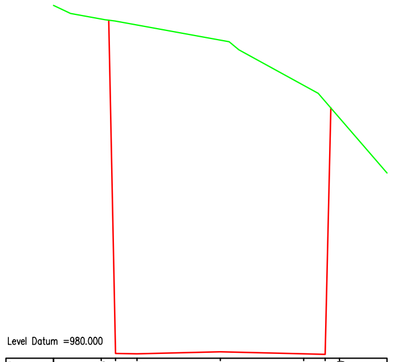


Level Datum =980.000

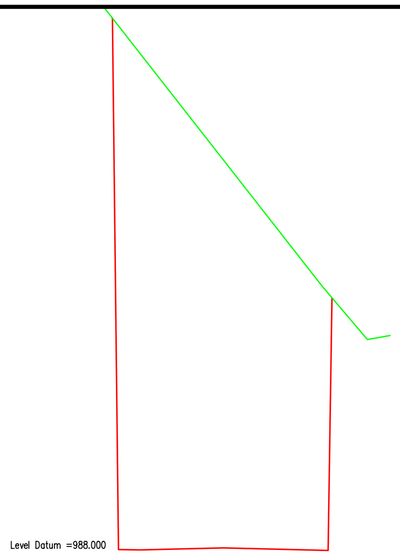
Design Levels			1010.043			980.187			980.187			980.157	1005.905
Design Offset			-5.000	-4.400	-3.500	0.000			3.500	4.400	5.000		
Design Width		0.600	0.900		3.500			3.500		0.900	0.600		
Exi. Ground Levels	1010.282	1010.015	1009.966			1009.925	1008.753			1006.929			
Exi. Ground Offset	-6.289	-4.848	-4.418			0.372	0.780			4.110			

Chainage =35850.000

Level Datum =984.000

Design Levels			1026.096	-5.000	-4.400	984.366	-3.500	984.344	-0.000	984.431	3.500	984.344	4.400	984.321	5.000	1011.390	
Design Offset																	
Design Width		0.600	0.900	3.500			3.500			3.500		0.900	0.600				
Exi. Ground Levels	1027.629			1022.764			1021.704	1017.609	1017.963			1013.105	1010.931	1010.844	1010.080		
Exi. Ground Offset	-6.404			-1.948			0.771	2.169	2.362			4.586	5.118	6.304	6.355		

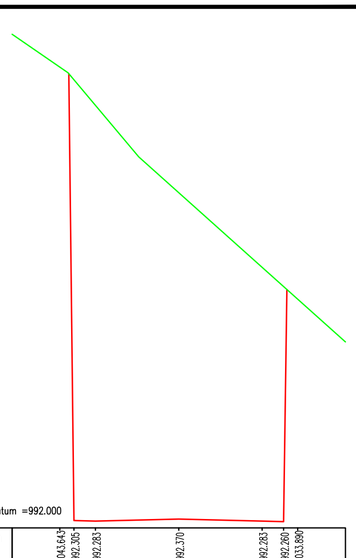
Chainage =35950.000



Level Datum =988.000

Design Levels			1040.757	-5.000	-4.400	988.536	-3.500	988.507	-0.000	988.595	3.500	988.507	4.400	988.485	5.000	1026.059	
Design Offset																	
Design Width		0.600	0.900	3.500			3.500			3.500		0.900	0.600				
Exi. Ground Levels												1029.063		1026.824			
Exi. Ground Offset												4.149		6.047			

Chainage =36050.000



Level Datum =992.000

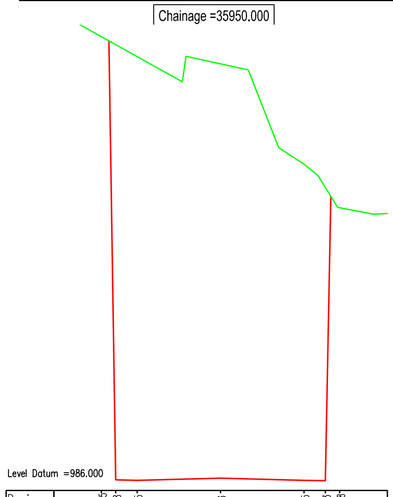
Design Levels			1043.643	-5.000	-4.400	992.305	-3.500	992.283	-0.000	992.370	3.500	992.283	4.400	992.269	5.000	1033.889	
Design Offset																	
Design Width		0.600	0.900	3.500			3.500			0.900	0.600						
Exi. Ground Levels	1045.006	1043.401				1039.871											
Exi. Ground Offset	-6.981	-4.647				-1.683											

Chainage =36150.000

Level Datum =982.000

Design Levels			1011.361	-5.000	-4.400	982.284	-3.500	982.262	0.000	982.349	3.500	982.262	4.400	982.239	5.000	1004.941	
Design Offset																	
Design Width		0.600	0.900	3.500			3.500			0.900	0.600						
Exi. Ground Levels		1010.638	1009.953	1010.630			1008.465	1004.983	1004.997	1004.924		1004.942	1004.928				
Exi. Ground Offset		-3.931	-2.839	-2.403			0.519	1.985	2.611	3.587		5.144	5.751				

Chainage =35900.000



Level Datum =986.000

Design Levels			1024.635	-5.000	-4.400	986.448	-3.500	986.425	0.000	986.513	3.500	986.425	4.400	986.403	5.000	1017.448	
Design Offset																	
Design Width		0.600	0.900	3.500			3.500			0.900	0.600						
Exi. Ground Levels				1022.376	1022.592			1023.238		1019.973		1019.279	1018.817	1017.464	1017.367	1017.182	1017.182
Exi. Ground Offset				-1.606	-1.791			1.159		2.437		3.506	4.084	4.913	5.451	6.435	6.590

Chainage =36000.000

Level Datum =990.000

Design Levels			1040.348	-5.000	-4.400	990.518	-3.500	990.495	0.000	990.583	3.500	990.495	4.400	990.473	5.000	1026.690	
Design Offset																	
Design Width		0.600	0.900	3.500			3.500			0.900	0.600						
Exi. Ground Levels		1039.934		1034.742		1027.691	1028.819	1028.704	1028.861	1026.702		1026.694		1026.670			
Exi. Ground Offset		-4.848		-2.303		-0.120	0.502	1.269	1.885	3.651		4.814		5.758			

Chainage =36100.000

Level Datum =993.000

Design Levels			1036.191	-5.000	-4.400	993.892	-3.500	993.870	-0.000	993.957	3.500	993.870	4.400	993.847	5.000	1022.465	
Design Offset																	
Design Width		0.600	0.900	3.500			3.500			0.900	0.600						
Exi. Ground Levels				1032.865		1029.098	1028.279	1028.202	1028.386	1028.496		1022.515		1022.493	1022.493		
Exi. Ground Offset				-1.588		0.342	1.020	1.281	1.961	2.593		4.536		6.247	6.247		

Chainage =36200.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 23		Sheet : 23 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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Level Datum =995.000

Design Levels		1031.116		995.278	995.255			995.343			995.255	995.233	1019.773
Design Offset		-5.000	-4.400	-3.500				-0.000			3.500	4.400	5.000
Design Width		0.600	0.900		3.500				3.500		0.900	0.600	
Exi. Ground Levels	1031.829	1030.572			1025.830	1024.954	1023.509	1025.934		1020.493	1019.952	1019.773	1019.769
Exi. Ground Offset	-5.475	-4.637			-1.250	-0.093	0.646	1.391		2.869	3.935	4.975	6.148

Chainage =36250.000

Level Datum =997.000

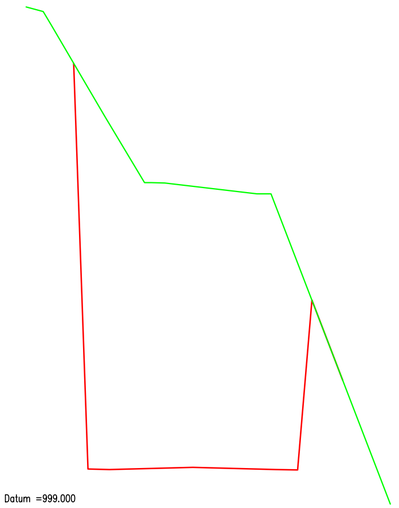
Design Levels		1020.963		997.447	997.425			997.512			997.425	997.407	1012.863
Design Offset		-5.000	-4.400	-3.500				0.000			3.500	4.400	5.000
Design Width		0.600	0.900		3.500				3.500		0.900	0.600	
Exi. Ground Levels	1022.275	1021.365						1016.551		1015.172	1014.212	1012.453	1011.936
Exi. Ground Offset	-6.816	-5.557						1.120		3.377	3.868	5.297	5.722

Chainage =36350.000

Level Datum =999.000

Design Levels		1021.770		999.201	999.179			999.266			999.179	999.156	1011.753	1009.744
Design Offset		-5.000	-4.400	-3.500				0.000			3.500	4.400	5.000	9.694
Design Width		0.600	0.900		3.500				3.500		0.900	0.600	4.694	
Exi. Ground Levels	1024.874	1023.595			1020.092	1018.164			1016.615	1013.305	1013.317			
Exi. Ground Offset	-6.309	-5.319			-1.913	-0.422			2.144	2.862	3.353			

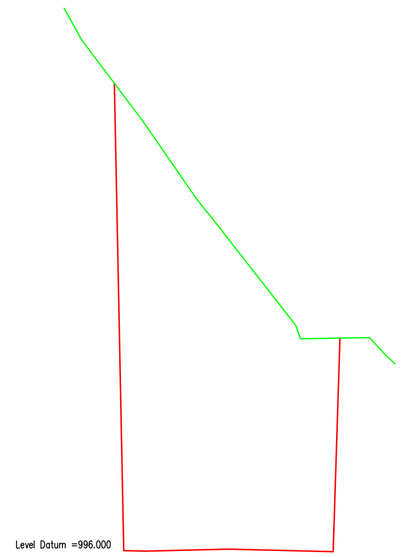
Chainage =36450.000



Level Datum =999.000

Design Levels		1017.975		1000.955	1000.932			1001.020			1000.932	1000.910	1008.038	1004.686
Design Offset		-5.000	-4.400	-3.500				-0.000			3.500	4.400	5.000	6.288
Design Width		0.600	0.900		3.500				3.500		0.900	0.600	1.288	
Exi. Ground Levels	1007.186	1006.882												
Exi. Ground Offset	-6.283	-5.333												

Chainage =36550.000



Level Datum =996.000

Design Levels		1026.432		996.463	996.440			996.528			996.440	996.418	1015.464	
Design Offset		-5.000	-4.400	-3.500				-0.000			3.500	4.400	5.000	
Design Width		0.600	0.900		3.500				3.500		0.900	0.600		
Exi. Ground Levels	1027.986		1024.583		1021.340	1021.085	1020.347			1015.991	1015.435	1015.454	1015.478	1014.763
Exi. Ground Offset	-6.174		-3.603		-1.252	-1.007	-0.573			2.827	3.201	4.459	5.931	6.591

Chainage =36300.000

Level Datum =998.000

Design Levels		1021.569		998.324	998.302			998.389			998.302	998.279	1010.616	1005.395
Design Offset		-5.000	-4.400	-3.500				0.000			3.500	4.400	5.000	7.958
Design Width		0.600	0.900		3.500				3.500		0.900	0.600	2.958	
Exi. Ground Levels		1021.933		1017.646	1014.419			1011.797	1011.288		1010.731	1010.646	1010.549	1000.791
Exi. Ground Offset		-5.151		-3.368	-1.206			0.015	0.631		3.325	4.447	6.252	9.481

Chainage =36400.000

Level Datum =1000.000

Design Levels		1023.127	1000.078	1000.055				1000.143			1000.055	1000.033	1015.380	
Design Offset		-5.000	-4.400	-3.500				0.000			3.500	4.400	5.000	
Design Width		0.600	0.900		3.500				3.500		0.900	0.600		
Exi. Ground Levels				1021.521	1019.968			1021.028		1024.271			1012.845	1012.595
Exi. Ground Offset				-3.291	-2.218			0.386		2.028			5.076	5.326

Chainage =36500.000

Level Datum =1001.000

Design Levels		1021.866	1001.832	1001.809				1001.897			1001.809	1001.787	1014.699	1008.173
Design Offset		-5.000	-4.400	-3.500				0.000			3.500	4.400	5.000	8.093
Design Width		0.600	0.900		3.500				3.500		0.900	0.600	3.093	
Exi. Ground Levels				1019.280	1020.870			1018.113	1017.745	1013.400	1014.504	1014.837	1011.560	1004.652
Exi. Ground Offset				-2.220	-0.718			1.827	2.241	3.023	3.896	5.779	7.204	10.000

Chainage =36600.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 24		Sheet : 24 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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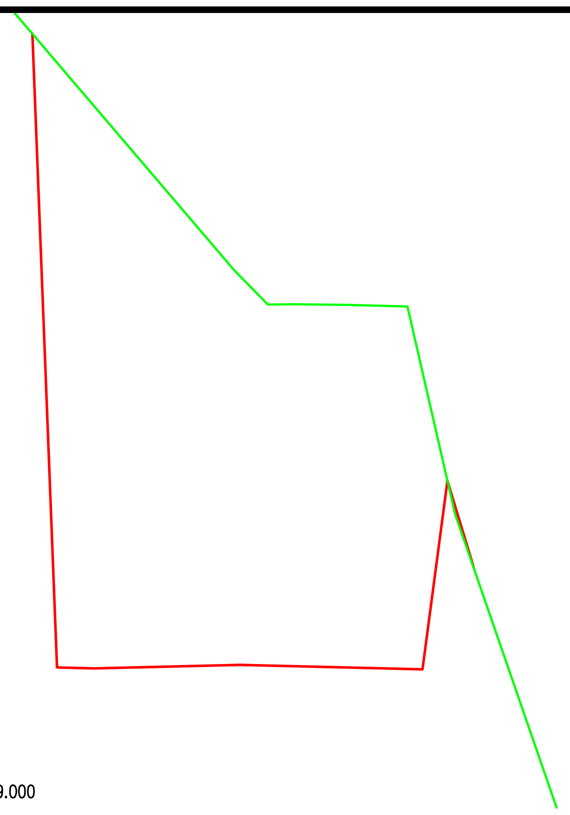
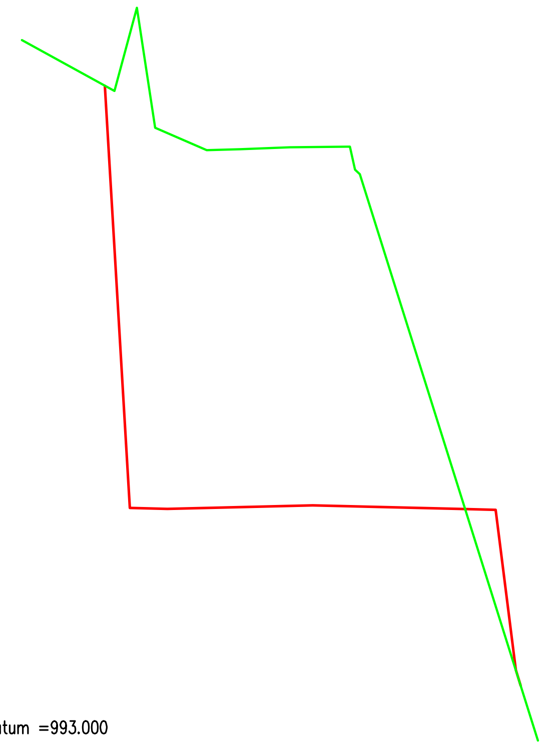


Level Datum =999.000

Design Levels	1017.982	1002.709	1002.686	1002.774	1002.686	1002.664	1007.205	1005.120
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.628
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.628	
Exi. Ground Levels	1012.278	1011.452	1011.459	1011.447	1011.406	1006.404		
Exi. Ground Offset	-0.132	0.672	1.258	2.589	4.032	5.184		

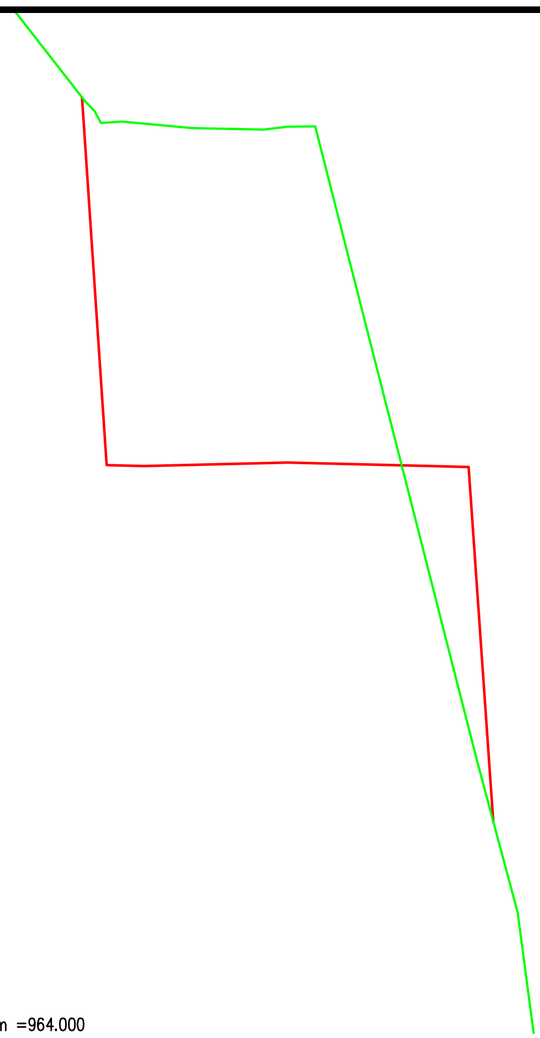
Chainage =36650.000



Level Datum =993.000

Design Levels	1014.631	1004.462	1004.440	1004.527	1004.440	1004.417	1000.569	1000.191
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.881	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.481		
Exi. Ground Levels	1014.508	1016.513	1013.622	1013.080	1013.107	1013.148	1013.164	1012.505
Exi. Ground Offset	-4.775	-4.235	-3.789	-2.552	-1.736	-0.550	0.890	1.127

Chainage =36750.000



Level Datum =964.000

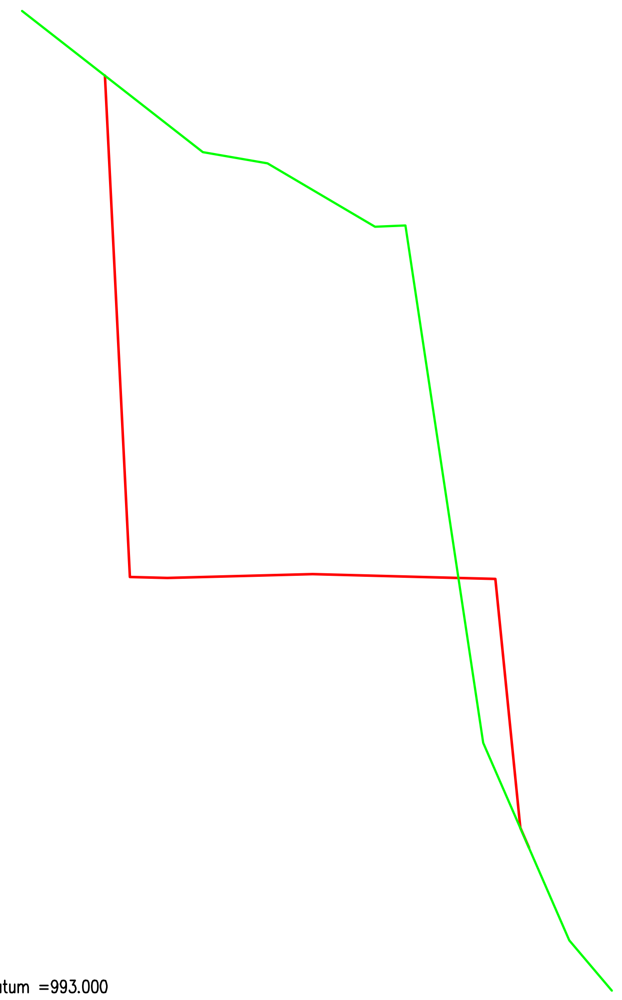
Design Levels	1015.164	1006.216	1006.194	1006.281	1006.194	1006.171	997.541	972.903						
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	8.558						
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.558							
Exi. Ground Levels	1015.063	1014.545	1014.547	1014.575	1014.418	1014.414	1014.379	1014.392	1014.454	1014.455	998.971	995.339	964.514	964.492
Exi. Ground Offset	-4.921	-4.544	-4.482	-4.023	-2.352	-2.074	-0.589	-0.454	-0.001	0.670	4.615	5.593	9.667	10.000

Chainage =36850.000

Level Datum =996.000

Design Levels	1026.798	1007.970	1007.947	1008.035	1007.947	1007.925	1016.468	1012.036
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	6.456
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	1.456	
Exi. Ground Levels	1028.772	1022.841	1016.642	1016.711	1016.451	1016.476	1016.489	
Exi. Ground Offset	-6.372	-2.249	2.530	3.392	4.234	5.368	5.877	

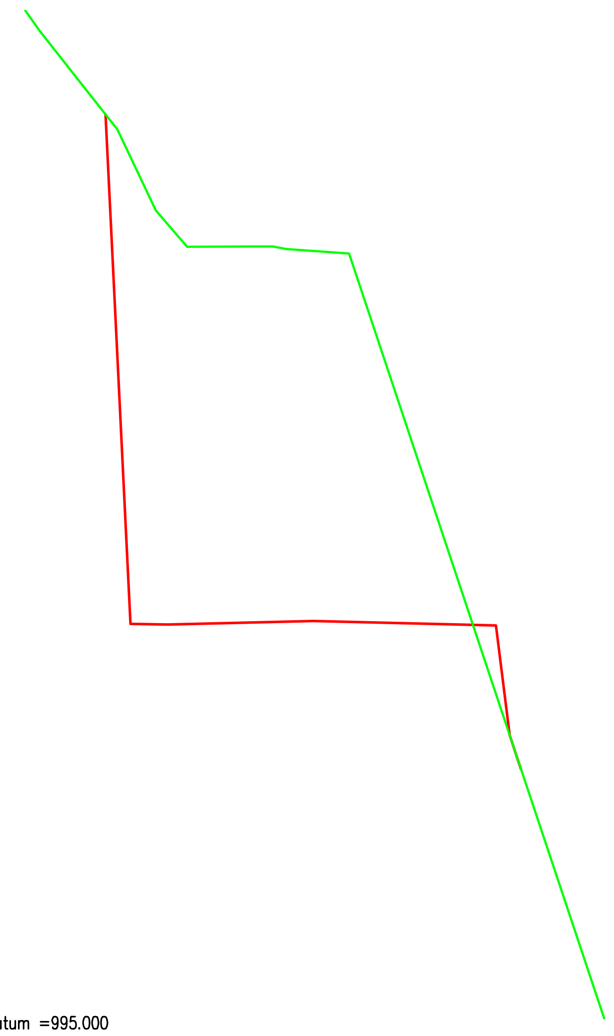
Chainage =36950.000



Level Datum =993.000

Design Levels	1015.653	1003.585	1003.563	1003.650	1003.563	1003.540	997.546	997.067
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.209
Design Width	0.600	0.900	3.500	3.500	0.900	0.600		
Exi. Ground Levels	1013.814	1013.540	1012.016	1012.047	999.592	994.834		
Exi. Ground Offset	-2.642	-1.089	1.501	2.238	4.108	6.183		

Chainage =36700.000



Level Datum =995.000

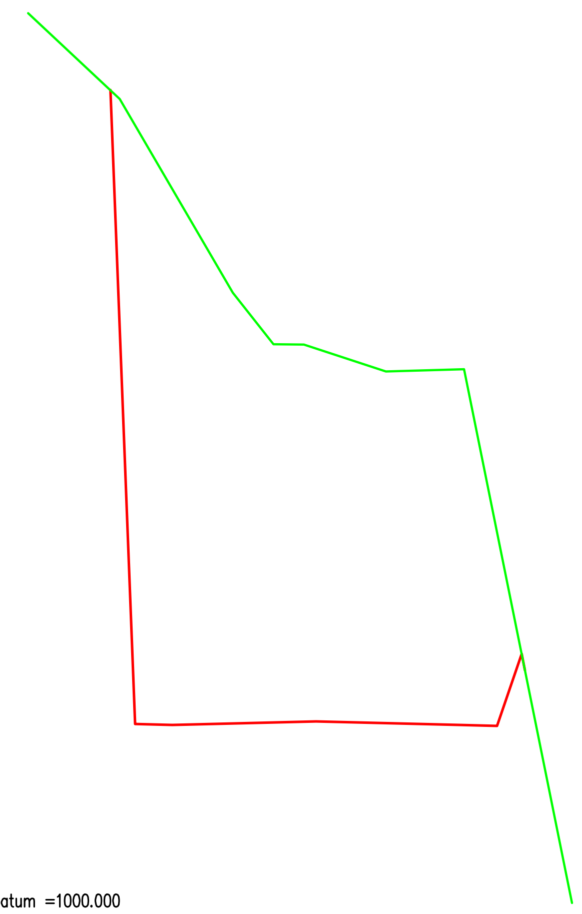
Design Levels	1017.615	1005.339	1005.317	1005.404	1005.317	1005.294	1002.551	1001.840	
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.731	5.000	
Design Width	0.600	0.900	3.500	3.500	0.900	0.331			
Exi. Ground Levels	1019.613	1017.250	1015.300	1014.423	1014.429	[illegible]	[illegible]	1014.371	1014.264
Exi. Ground Offset	-6.578	-4.712	-3.790	-3.036	-1.565	[illegible]	-0.968	-0.650	0.865

Chainage =36800.000

Level Datum =999.000

Design Levels	1020.020	1007.093	1007.070	1007.158	1007.070	1007.048	1007.471	1006.238	
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.612	5.000	
Design Width	0.600	0.900	3.500	3.500	0.900	0.212			
Exi. Ground Levels	1020.133	1015.628	1015.592	1014.980	1015.075	1015.067	1015.056	1005.606	1000.445
Exi. Ground Offset	-5.065	-2.472	-1.065	-0.331	0.553	2.054	2.223	5.199	6.610

Chainage =36900.000



Level Datum =1000.000

Design Levels	1024.272	1008.847	1008.824	1008.912	1008.824	1008.802	1010.559	1010.162
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.088
Design Width	0.600	0.900	3.500	3.500	0.900	0.600		
Exi. Ground Levels	1024.058	1019.340	1018.090	1018.077	1017.428	1017.468	1017.477	
Exi. Ground Offset	-4.772	-2.027	-1.032	-0.293	1.700	3.066	3.602	

Chainage =37000.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 25
Sheet :	25 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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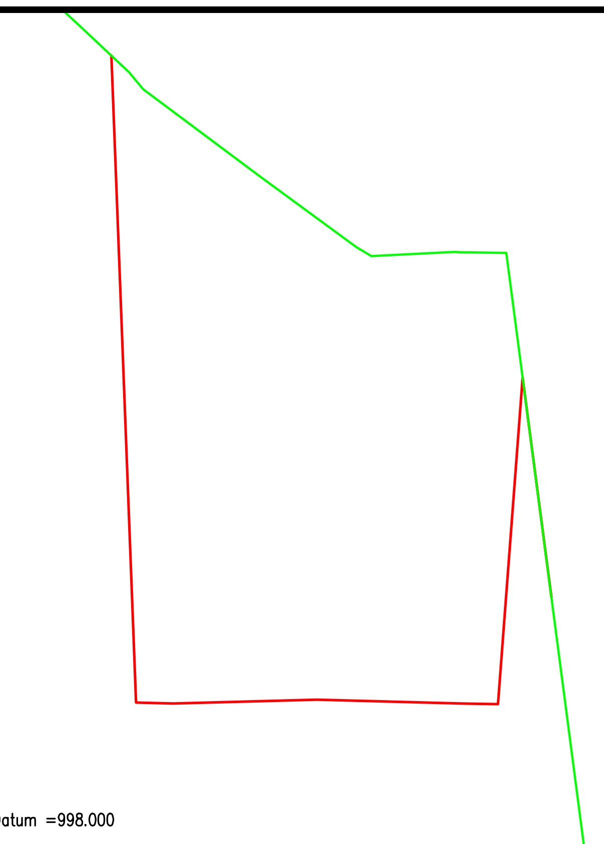
Level Datum =992.000

Row	Values
Design Levels	1026.504, 1009.724, 1009.701, 1009.789, 1009.701, 1009.679, 1017.489, 1013.407
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.264
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.264
Exi. Ground Levels	1026.420, 1025.771, 1020.316, 1019.176, 1017.838, 1017.810, 1017.647, 1017.629, 1017.537, 1017.504, 1017.505, 1017.438, 995.923
Exi. Ground Offset	-4.949, -4.601, -1.918, -1.298, -0.806, -0.426, 0.949, 1.451, 3.955, 4.399, 4.720, 5.930, 7.714

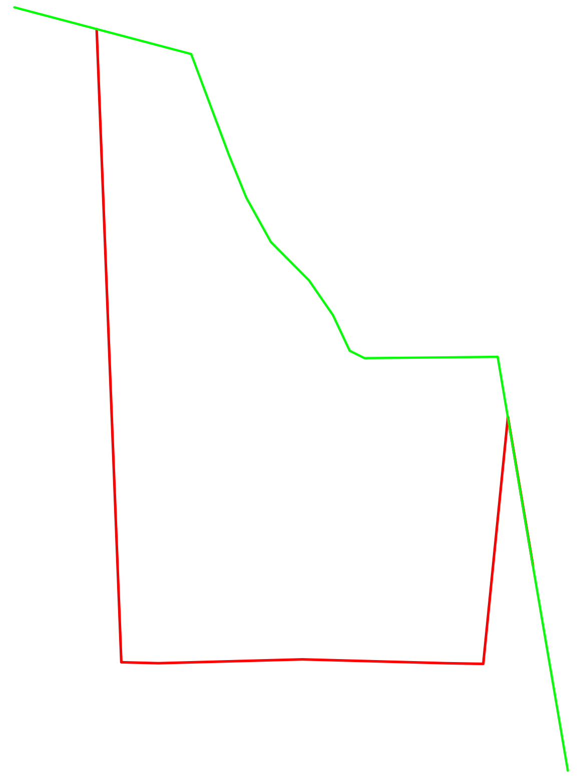
Chainage =37050.000



Level Datum =998.000

Row	Values
Design Levels	1027.233, 1011.477, 1011.455, 1011.542, 1011.455, 1011.432, 1019.387, 1014.034
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.701
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.701
Exi. Ground Levels	1027.942, 1026.822, 1026.415, 1024.288, 1022.565, 1022.346, 1022.438, 1022.439, 1022.430
Exi. Ground Offset	-5.755, -4.562, -4.233, -1.385, 0.959, 1.319, 3.169, 3.470, 4.602

Chainage =37150.000



Level Datum =1003.000

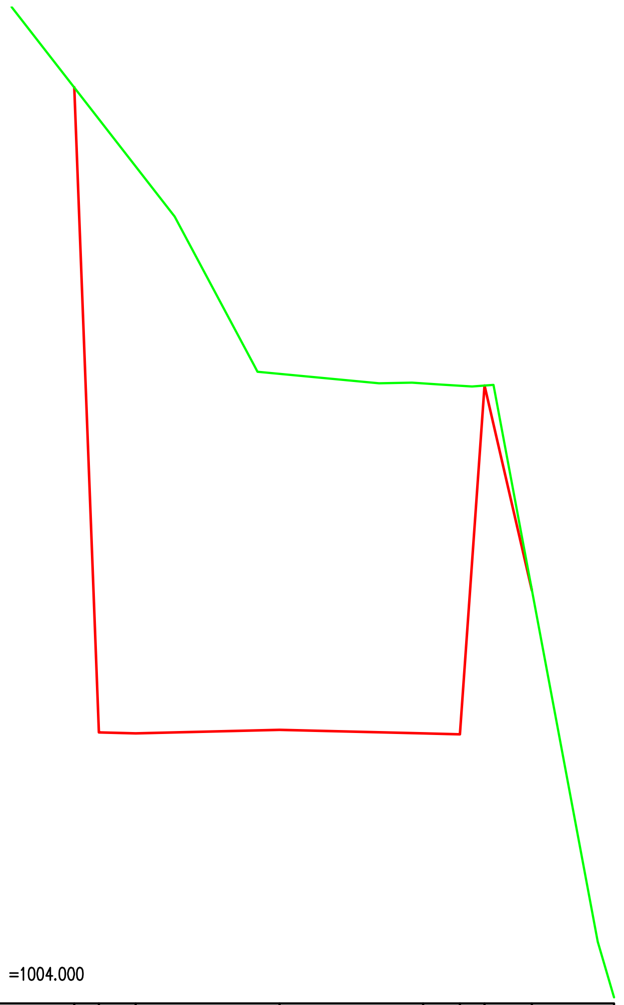
Row	Values
Design Levels	1028.649, 1013.231, 1013.209, 1013.296, 1013.209, 1013.186, 1019.203, 1015.600
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.607
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.607
Exi. Ground Levels	1028.041, 1025.581, 1024.543, 1023.466, 1022.533, 1021.683, 1020.814, 1020.636, 1020.650, 1020.667, 1020.670, 1016.764
Exi. Ground Offset	-2.704, -1.785, -1.361, -0.764, 0.167, 0.745, 1.154, 1.510, 3.153, 4.647, 4.754, 5.409

Chainage =37250.000

Level Datum =1001.000

Row	Values
Design Levels	1025.517, 1014.985, 1014.962, 1015.050, 1014.962, 1014.940, 1018.763, 1016.700
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.280
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1025.451, 1024.669, 1023.726, 1021.211, 1020.176, 1019.636, 1019.657, 1019.303, 1019.356, 1019.380
Exi. Ground Offset	-4.857, -2.603, -1.910, -0.655, 0.221, 0.780, 1.039, 3.350, 4.242, 4.916

Chainage =37350.000



Level Datum =1004.000

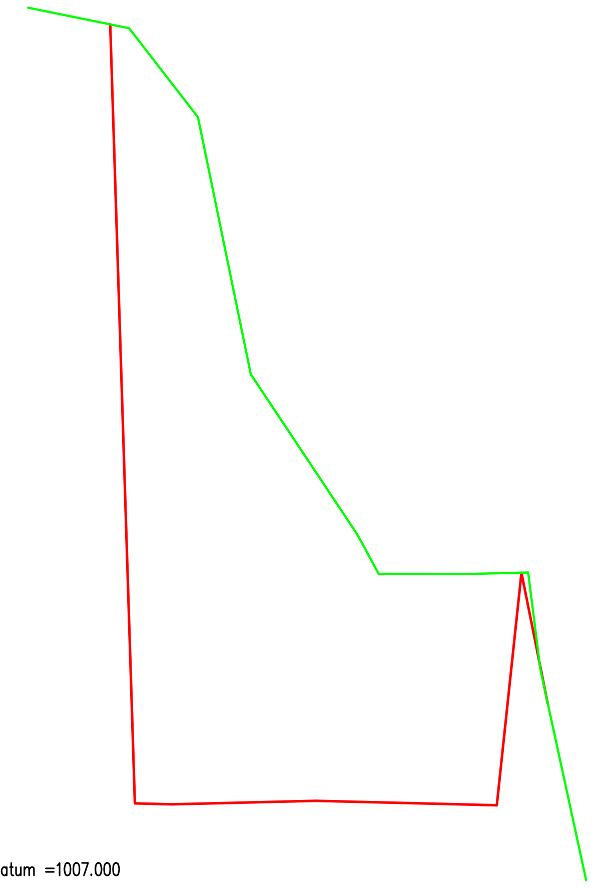
Row	Values
Design Levels	1026.307, 1010.600, 1010.578, 1010.665, 1010.578, 1010.555, 1019.046, 1014.058
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.151
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.151
Exi. Ground Levels	1023.161, 1019.544, 1019.385, 1019.106, 1019.115, 1019.074, 1019.024, 1019.061, 1005.504
Exi. Ground Offset	-2.551, -0.622, -0.531, 2.427, 3.227, 3.928, 4.695, 5.214, 7.754

Chainage =37100.000

Level Datum =1011.000

Row	Values
Design Levels	1035.058, 1012.354, 1012.332, 1012.419, 1012.332, 1012.309, 1024.294, 1018.868
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.679
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.679
Exi. Ground Levels	1035.497, 1032.849, 1030.465, 1024.252, 1024.279, 1024.298, 1024.350
Exi. Ground Offset	-3.405, 0.307, 1.423, 2.932, 3.976, 5.258, 6.183

Chainage =37200.000



Level Datum =1007.000

Row	Values
Design Levels	1033.062, 1014.108, 1014.085, 1014.173, 1014.085, 1014.063, 1019.723, 1016.543
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.640
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.640
Exi. Ground Levels	1032.969, 1030.806, 1024.547, 1020.693, 1020.579, 1019.697, 1019.689, 1019.690, 1019.727, 1017.372
Exi. Ground Offset	-4.542, -2.871, -1.585, 0.981, 1.048, 1.527, 3.565, 3.589, 5.164, 5.460

Chainage =37300.000

Level Datum =997.000

Row	Values
Design Levels	1022.965, 1021.557, 1015.862, 1015.839, 1015.927, 1015.839, 1015.817, 1016.877, 1016.233
Design Offset	-7.952, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.930, 5.000
Design Width	2.952, 0.600, 0.900, 3.500, 3.500, 0.900, 0.530
Exi. Ground Levels	1021.931, 1020.819, 1017.840, 1019.622, 1019.030, 1018.843, 1018.855, 1018.869, 1018.838
Exi. Ground Offset	-5.443, -4.129, -2.879, -1.259, -0.525, 1.005, 2.168, 3.612, 4.716

Chainage =37400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section
Chainage :-
Drawing No. :- AIPPL/BRO/DPR/CS/ 26
Sheet : 26 of End
Scale :- NTS
Drng. | Dgn.by | Appd.by
Date: OCT-2021

CONSULTANT:
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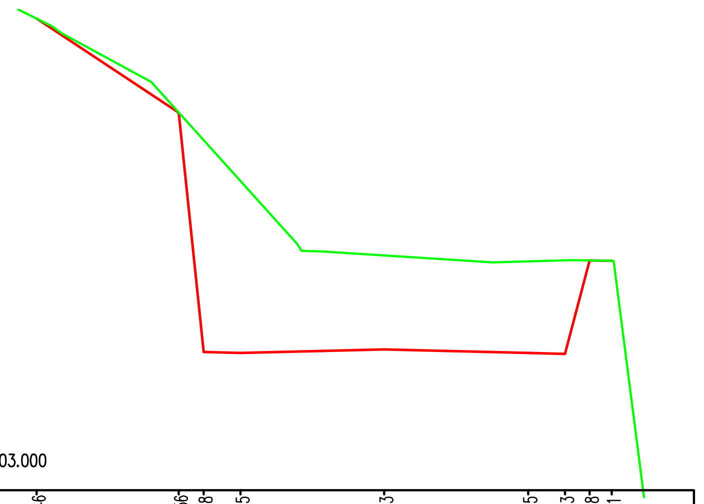
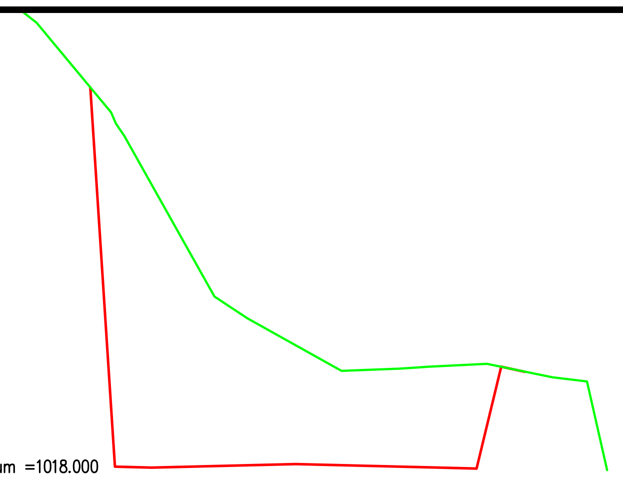


Level Datum =1003.000

Design Levels	1024.846, 1022.556, 1016.728, 1016.705, 1016.793, 1016.705, 1016.683, 1018.958, 1018.951
Design Offset	-8.459, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.534
Design Width	3.459, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.534
Exi. Ground Levels	1025.618, 1024.658, 1024.479, 1023.303, 1019.374, 1019.191, 1019.177, 1018.912, 1018.963, 1018.951
Exi. Ground Offset	-10.000, -8.086, -7.836, -5.674, -2.128, -2.009, -1.496, 2.635, 4.570, 5.583

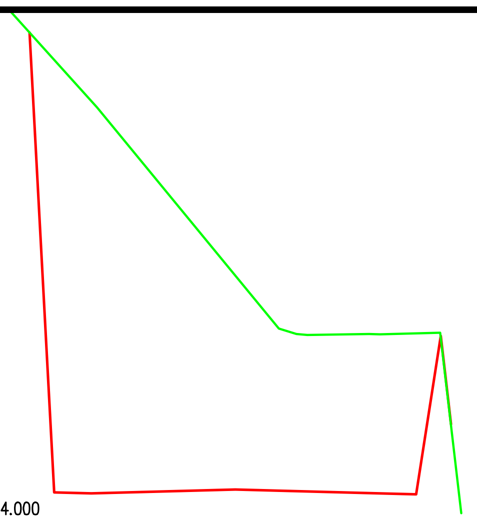
Chainage =37450.000



Level Datum =1018.000

Design Levels	1027.934, 1018.714, 1018.692, 1018.779, 1018.692, 1018.669, 1021.144, 1021.025
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.578
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.578
Exi. Ground Levels	1029.508, 1027.327, 1026.760, 1022.855, 1022.319, 1021.045, 1021.100, 1021.121, 1021.143, 1021.216, 1020.889, 1020.792
Exi. Ground Offset	-6.311, -4.495, -4.175, -1.974, -1.177, 1.117, 2.530, 2.898, 3.233, 4.649, 6.245, 7.093

Chainage =37600.000



Level Datum =1004.000

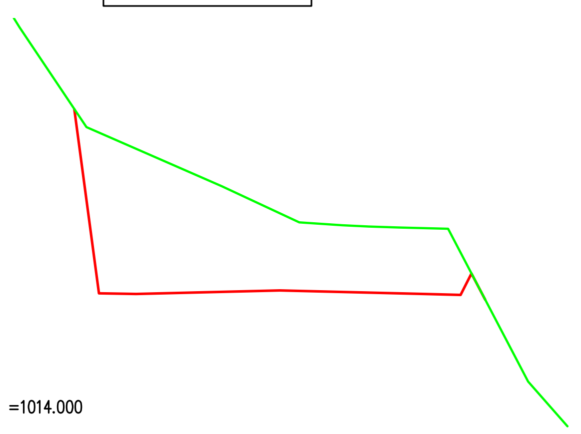
Design Levels	1031.631, 1020.442, 1020.419, 1020.507, 1020.419, 1020.397, 1024.245, 1022.097
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.250
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	[illegible], 1032.244, 1029.812, 1024.424, 1024.293, 1024.275, 1024.295, 1024.290, 1024.329
Exi. Ground Offset	[illegible], -5.553, -3.359, 1.063, 1.494, 1.754, 3.259, 3.522, 4.990

Chainage =37750.000

Level Datum =1000.000

Design Levels	1037.790, 1022.169, 1022.147, 1022.234, 1022.147, 1022.124, 1027.309, 1024.441
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.559
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.559
Exi. Ground Levels	1038.669, 1037.119, 1033.588, 1028.294, 1030.636, 1028.350, 1027.086, 1027.204, 1027.216, 1027.341, 1002.411
Exi. Ground Offset	-6.675, -3.721, -1.948, -0.163, 0.310, 1.790, 2.110, 3.690, 4.002, 5.350, 7.142

Chainage =37900.000



Level Datum =1014.000

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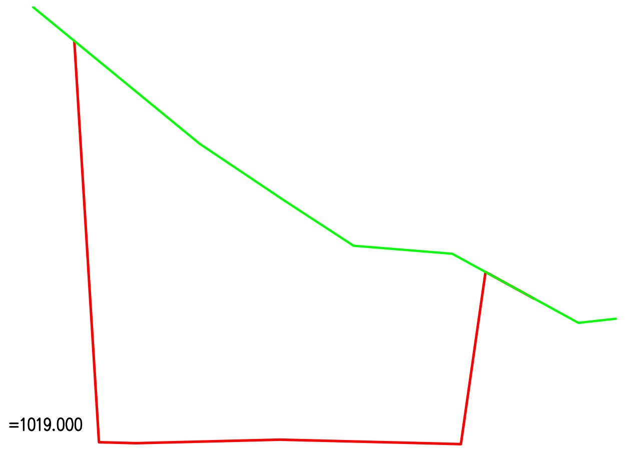
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.264
Exi. Ground Levels	1023.969, 1021.540, 1020.101, 1019.216, 1019.153, 1019.119, 1019.093, 1019.060, 1015.343
Exi. Ground Offset	-6.334, -4.708, -1.412, 0.474, 1.519, 2.165, 2.879, 4.097, 6.039

Chainage =37500.000



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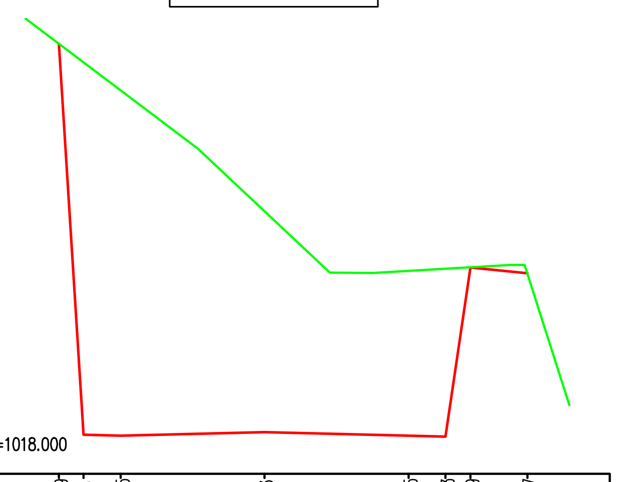
Design Levels	1029.065, 1019.290, 1019.268, 1019.355, 1019.268, 1019.245, 1023.434, 1022.790
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.172
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.172
Exi. Ground Levels	1026.562, 1025.187, 1024.075, 1023.878, 1022.195
Exi. Ground Offset	-1.952, 0.085, 1.794, 4.191, 7.256

Chainage =37650.000



Level Datum =1018.000

Design Levels	1030.529, 1021.018, 1020.995, 1021.083, 1020.995, 1020.973, 1025.089, 1024.947
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Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.387
Exi. Ground Levels	1027.975, 1024.958, 1024.953, 1025.145, 1025.151
Exi. Ground Offset	-1.620, 1.583, 2.635, 5.976, 6.322

Chainage =37800.000

Level Datum =998.000

Design Levels	1024.419, 1018.138, 1018.116, 1018.203, 1018.116, 1018.093, 1018.419, 1014.800
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.563, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.163
Exi. Ground Levels	1027.198, 1025.734, 1024.146, 1019.684, 1019.705, 1019.740, 1019.754, 1000.042
Exi. Ground Offset	-6.907, -6.232, -4.744, 0.823, 1.941, 3.293, 4.402, 6.782

Chainage =37550.000

Level Datum =1013.000

Design Levels	1029.675, 1019.866, 1019.844, 1019.931, 1019.844, 1019.821, 1022.904, 1022.933
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.956
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.956
Exi. Ground Levels	1030.373, 1029.287, 1028.483, 1026.207, 1022.867, 1022.880, 1022.929, 1022.967
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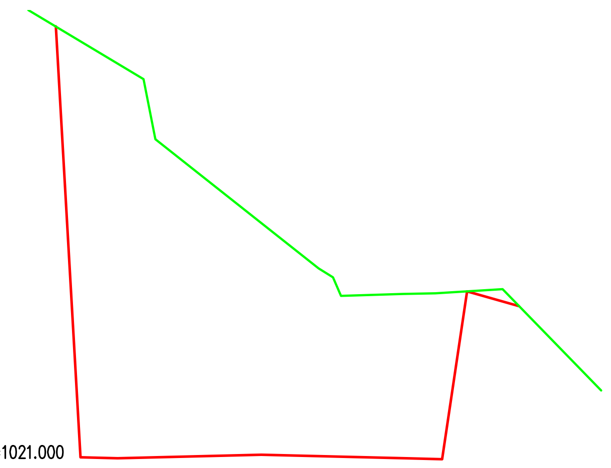
Chainage =37700.000



Level Datum =1021.000

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Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.267
Exi. Ground Levels	1032.693, 1030.812, 1029.344, 1026.199, 1025.979, 1025.529, 1025.576, 1025.595, 1025.694
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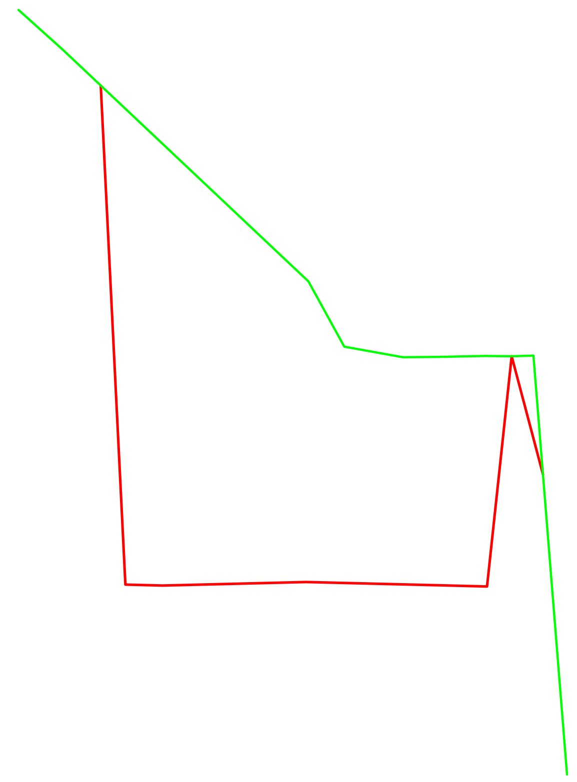
Chainage =37850.000



Level Datum =1002.000

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Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.762
Exi. Ground Levels	1035.764, 1030.126, 1028.540, 1028.281, 1028.292, 1028.310, 1028.306, 1028.323, 1002.690
Exi. Ground Offset	-5.918, 0.058, 0.931, 2.356, 3.231, 4.357, 4.994, 5.529, 7.596

Chainage =37950.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section
Chainage :-
Drawing No. :- AIPPL/BRO/DPR/CS/ 27
Sheet : 27 of End
Scale :- NTS
Drng. | Dgn.by | Appd.by
Date: OCT-2021

CONSULTANT:

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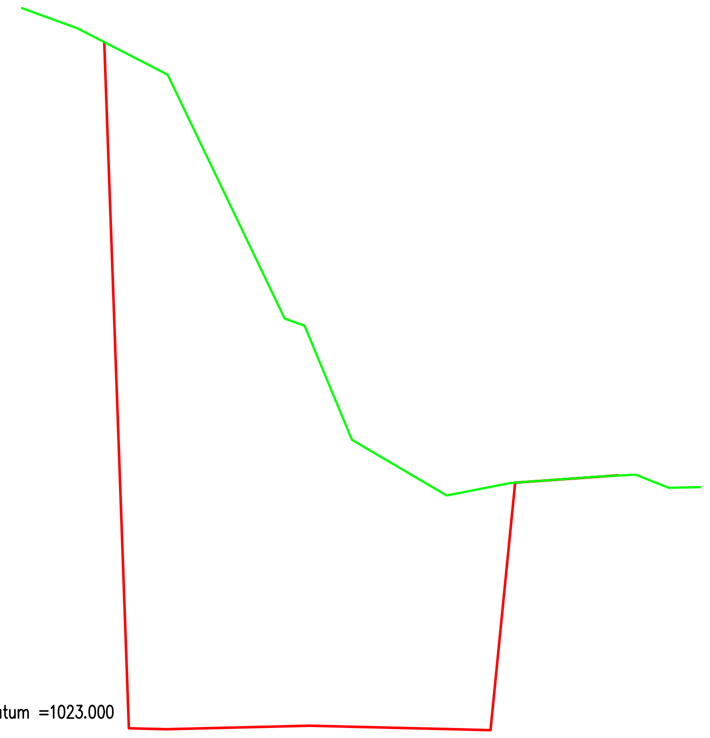
PH:0120-2400144



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Design Levels	1040.041, 1023.321, 1023.298, 1023.386, 1023.298, 1023.276, 1029.307, 1029.482
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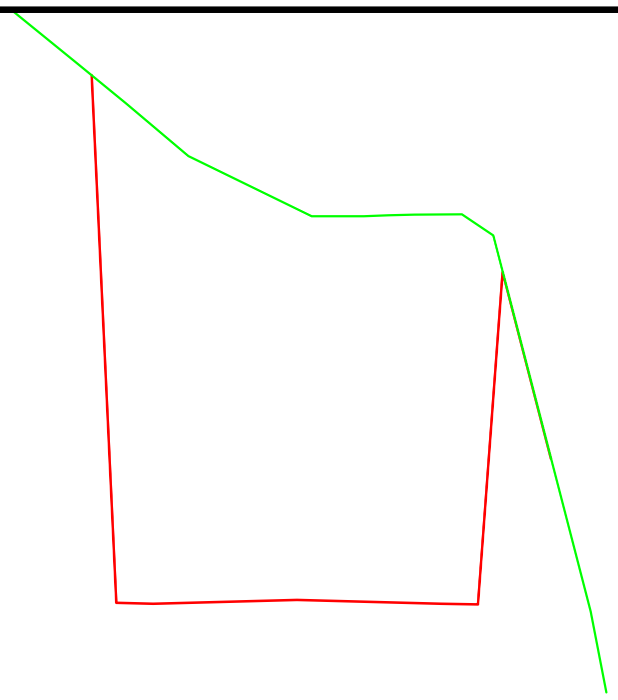
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.503
Exi. Ground Levels	1040.378, 1039.242, 1033.299, 1033.134, 1030.346, 1028.998, 1029.298, 1029.456, 1029.504, 1029.184
Exi. Ground Offset	-5.650, -3.458, -0.604, -0.124, 1.026, 3.330, 4.884, 7.016, 7.934, 8.736

Chainage =38000.000



Level Datum =1018.000

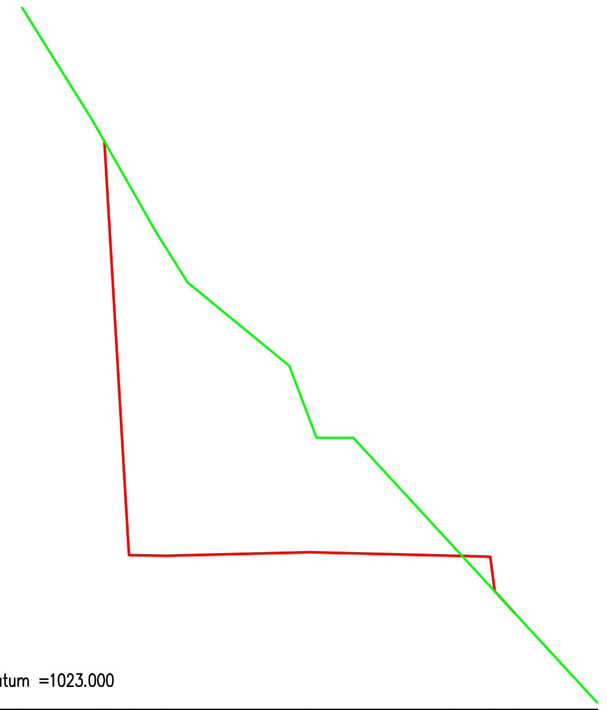
Design Levels	1037.311, 1024.472, 1024.450, 1024.537, 1024.450, 1024.427, 1032.521, 1027.977
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.175
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.175
Exi. Ground Levels	1037.610, 1036.620, 1035.343, 1033.878, 1033.880, 1033.901, 1033.919, 1033.926, 1033.408, 1024.259
Exi. Ground Offset	-5.366, -4.155, -2.645, 0.358, 1.621, 2.220, 2.846, 4.006, 4.771, 7.136

Chainage =38100.000

Level Datum =1020.000

Design Levels	1040.403, 1025.624, 1025.602, 1025.689, 1025.602, 1025.579, 1033.557, 1029.678
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.450
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.450
Exi. Ground Levels	1042.531, 1042.263, 1037.922, 1037.337, 1035.716, 1034.278, 1034.045, 1034.043, 1033.528, 1033.573, 1024.063
Exi. Ground Offset	-6.471, -6.317, -3.245, -2.908, -0.766, -0.380, 0.621, 1.528, 4.269, 5.408, 7.951

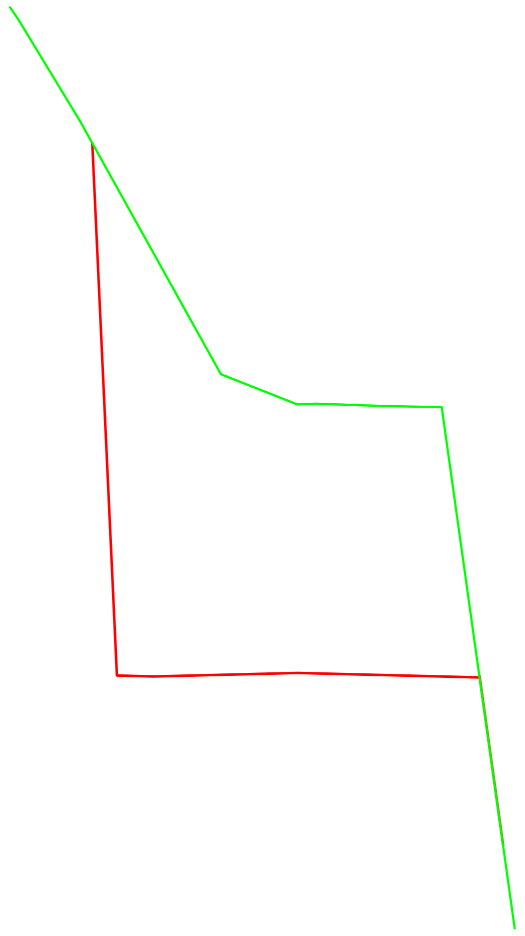
Chainage =38200.000



Level Datum =1023.000

Design Levels	1036.864, 1026.776, 1026.753, 1026.841, 1026.753, 1026.731, 1025.895, 1025.357
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.504, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.104
Exi. Ground Levels	1037.376, 1034.666, 1033.419, 1031.385, 1029.633, 1029.634
Exi. Ground Offset	-5.291, -3.751, -2.972, -0.499, 0.163, 1.065

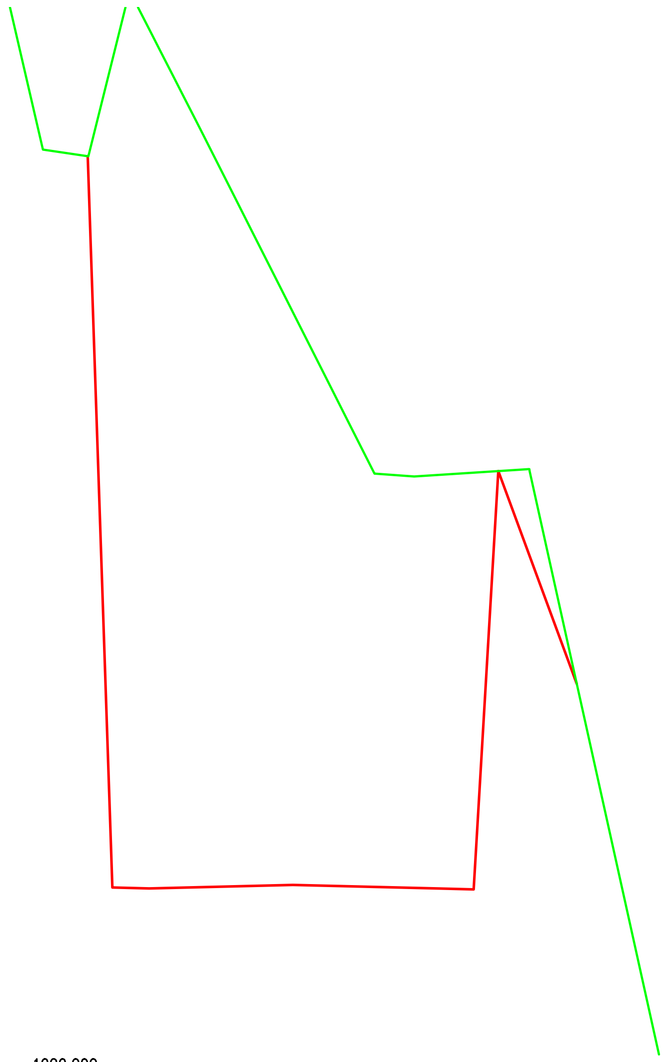
Chainage =38300.000



Level Datum =1002.000

Design Levels	1036.854, 1023.897, 1023.874, 1023.962, 1023.874, 1023.852, 1023.835, 1019.757
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.421, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.021
Exi. Ground Levels	1039.861, 1037.395, 1031.229, 1030.497, 1030.514, 1030.456, 1030.426, 1011.047, 1003.157
Exi. Ground Offset	-6.793, -5.301, -1.869, -0.017, 0.455, 2.021, 3.506, 6.220, 6.794

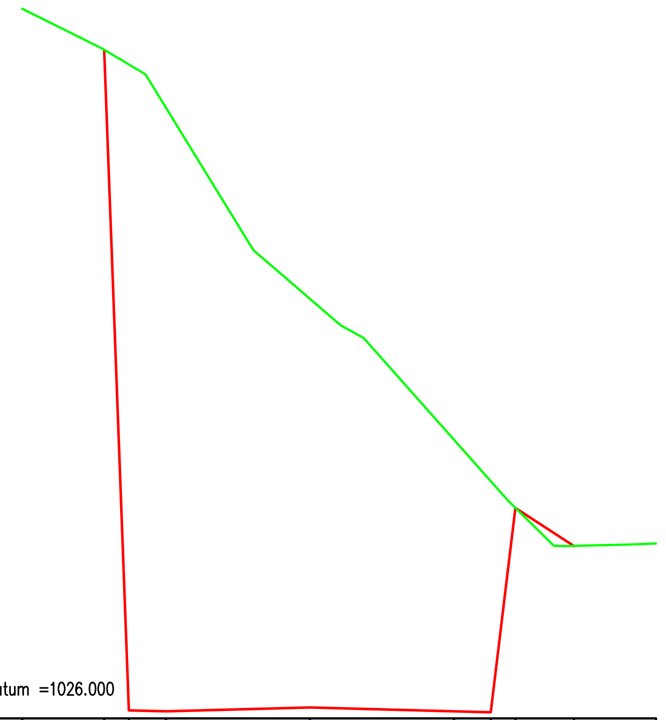
Chainage =38050.000



Level Datum =1020.000

Design Levels	1042.863, 1025.048, 1025.026, 1025.113, 1025.026, 1025.003, 1035.192, 1030.013
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.905
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.905
Exi. Ground Levels	1043.024, 1042.861, 1046.891, 1043.382, 1035.132, 1035.063, 1035.239, 1035.189
Exi. Ground Offset	-6.084, -4.981, -3.981, -2.182, 1.985, 2.952, 5.736, 5.759

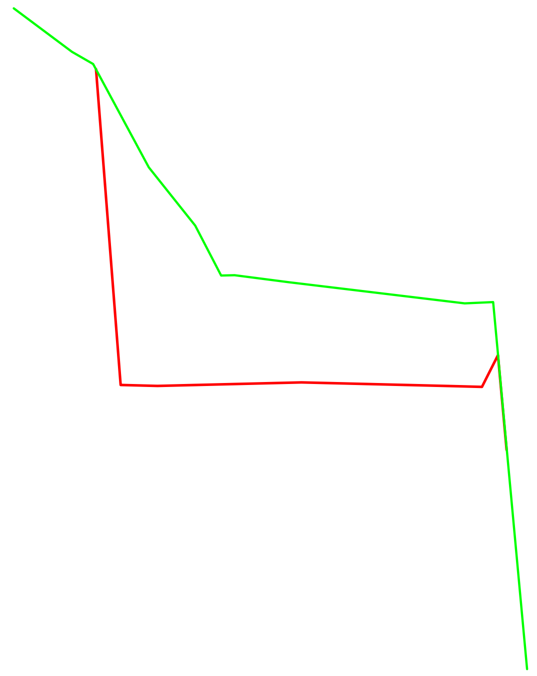
Chainage =38150.000



Level Datum =1026.000

Design Levels	1042.265, 1026.200, 1026.177, 1026.265, 1026.177, 1026.155, 1031.122, 1030.196
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.421
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.421
Exi. Ground Levels	1042.711, 1042.289, 1041.672, 1037.394, 1035.559, 1035.257, 1031.302, 1030.203, 1030.191, 1030.231, 1030.256
Exi. Ground Offset	-5.885, -5.040, -3.999, -1.374, 0.751, 1.303, 4.818, 5.930, 6.208, 7.807, 8.394

Chainage =38250.000



Level Datum =1004.000

Design Levels	1035.039, 1027.351, 1027.329, 1027.416, 1027.329, 1027.306, 1026.196, 1025.775
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.786, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.386
Exi. Ground Levels	1035.463, 1035.170, 1032.652, 1031.232, 1030.020, 1030.027, 1029.851, 1029.339, 1029.371
Exi. Ground Offset	-5.579, -5.071, -3.709, -2.579, -1.951, -1.625, -0.299, 3.979, 4.667

Chainage =38350.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 28
Sheet :	28 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:
Technocrats Advisory Services Pvt. Ltd.
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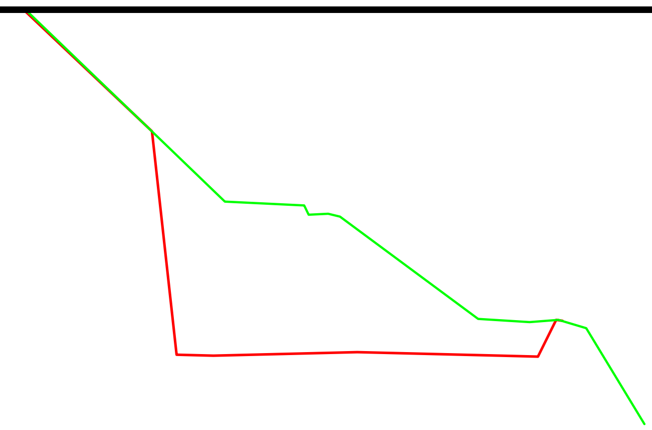
M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144

Level Datum =1013.000

Design Levels	1035.300, 1027.927, 1027.905, 1027.992, 1027.905, 1027.882, 1030.908, 1029.515
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.117
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1032.319, 1031.606, 1030.468, 1030.057, 1029.884, 1029.897, 1029.949, 1030.008, 1026.828
Exi. Ground Offset	-2.137, -1.428, 0.362, 0.861, 1.244, 1.515, 3.403, 5.008, 5.508

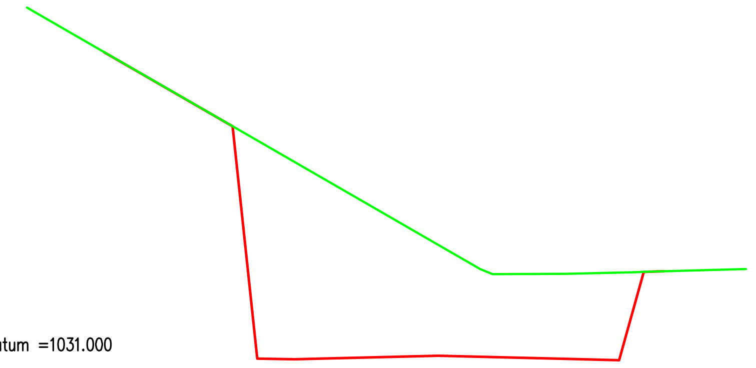
Chainage =38400.000



Level Datum =1027.000

Design Levels	1038.930, 1035.100, 1029.655, 1029.632, 1029.720, 1029.632, 1029.610, 1030.305, 1030.480
Design Offset	-9.038, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.848, 5.000
Design Width	4.038, 0.600, 0.900, 3.500, 3.500, 0.900, 0.448
Exi. Ground Levels	1039.221, 1038.901, 1033.386, 1033.298, 1033.170, 1033.093, 1033.021, 1030.529, 1030.456, 1030.510, 1030.307
Exi. Ground Offset	-10.000, -8.941, -3.223, -1.290, -1.186, -0.706, -0.418, 2.948, 4.199, 4.902, 5.581

Chainage =38550.000



Level Datum =1031.000

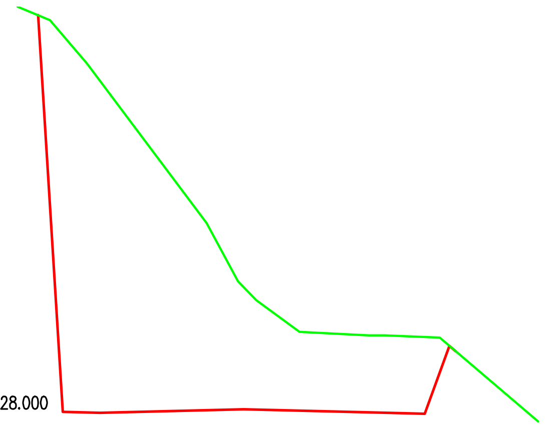
Design Levels	1038.842, 1037.035, 1031.382, 1031.360, 1031.447, 1031.360, 1031.337, 1033.489, 1033.502
Design Offset	-8.130, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.482
Design Width	3.130, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.482
Exi. Ground Levels	1039.921, 1033.560, 1033.434, 1033.443, 1033.440, 1033.484, 1033.487
Exi. Ground Offset	-10.000, 1.021, 1.393, 3.021, 3.084, 4.798, 4.927

Chainage =38700.000

Level Datum =1033.000

Design Levels	1043.602, 1033.110, 1033.087, 1033.175, 1033.087, 1033.065, 1035.480, 1035.023
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.379
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.379
Exi. Ground Levels	1042.097, 1041.876, 1037.082, 1036.451, 1036.385, 1036.377, 1034.187
Exi. Ground Offset	-1.131, -0.052, 2.182, 2.478, 3.982, 4.255, 6.073

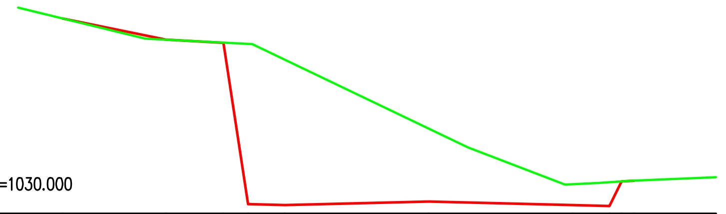
Chainage =38850.000



Level Datum =1028.000

Design Levels	1038.158, 1028.503, 1028.481, 1028.568, 1028.481, 1028.458, 1030.110, 1029.975
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.159
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1038.497, 1038.038, 1036.977, 1033.098, 1031.678, 1031.218, 1030.449, 1030.364, 1030.365, 1030.310
Exi. Ground Offset	-5.813, -4.710, -3.808, -0.901, -0.141, 0.306, 1.353, 3.034, 3.427, 4.766

Chainage =38450.000



Level Datum =1030.000

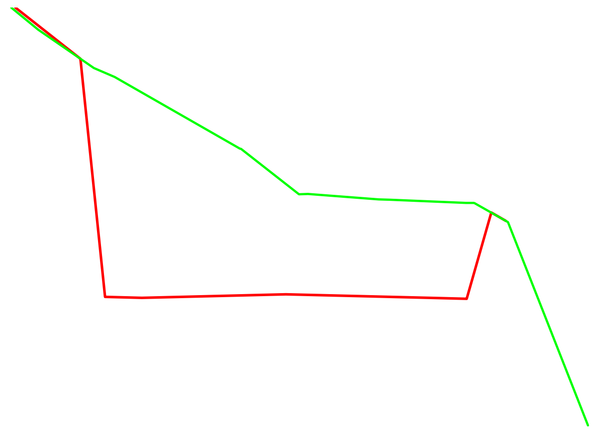
Design Levels	1034.750, 1034.234, 1034.163, 1030.231, 1030.208, 1030.296, 1030.208, 1030.186, 1030.782, 1030.805
Design Offset	-8.920, -6.402, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.701, 5.000
Design Width	2.518, 1.402, 0.600, 0.900, 3.500, 3.500, 0.900, 0.301
Exi. Ground Levels	1035.013, 1034.260, 1034.127, 1031.612, 1030.705, 1030.749, 1030.803
Exi. Ground Offset	-10.000, -6.902, -4.298, 0.960, 3.320, 4.134, 4.943

Chainage =38600.000

Level Datum =1022.000

Design Levels	1034.869, 1034.341, 1034.160, 1031.958, 1031.935, 1032.023, 1031.935, 1031.913, 1030.089, 1028.880
Design Offset	-7.311, -5.592, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.628, 5.000
Design Width	1.719, 0.592, 0.600, 0.900, 3.500, 3.500, 0.900, 0.228
Exi. Ground Levels	1033.662, 1033.982, 1033.923, 1033.898, 1033.813, 1033.786, 1033.785, 1031.718
Exi. Ground Offset	-3.378, -2.403, -1.855, -1.274, 2.086, 2.462, 2.836, 4.127

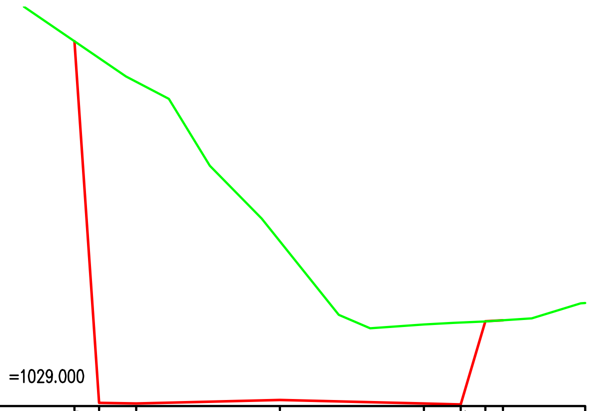
Chainage =38750.000



Level Datum =1030.000

Design Levels	1042.497, 1039.491, 1033.685, 1033.663, 1033.750, 1033.663, 1033.640, 1035.739, 1035.540
Design Offset	-8.806, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.350
Design Width	3.806, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.350
Exi. Ground Levels	1043.483, 1040.198, 1039.261, 1039.044, 1037.296, 1037.294, 1036.188, 1036.192, 1036.059, 1036.050, 1035.977, 1035.971, 1035.507
Exi. Ground Offset	-10.000, -6.022, -4.668, -4.162, -1.117, -1.089, 0.318, 0.540, 2.256, 2.528, 4.388, 4.594, 5.407

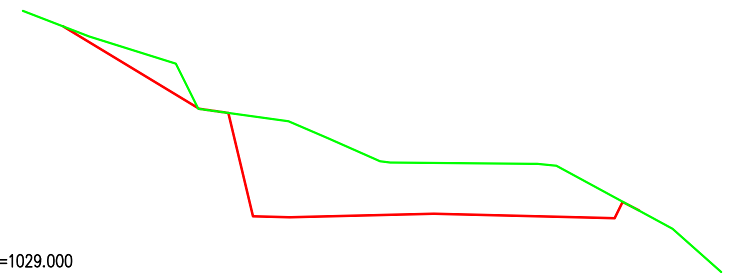
Chainage =38900.000



Level Datum =1029.000

Design Levels	1037.880, 1029.079, 1029.056, 1029.144, 1029.056, 1029.034, 1031.061, 1031.089
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.427
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.427
Exi. Ground Levels	1037.024, 1036.472, 1034.844, 1033.564, 1031.214, 1030.888, 1030.983, 1031.020, 1031.058, 1031.133, 1031.500
Exi. Ground Offset	-3.750, -2.703, -1.704, -0.446, 1.433, 2.196, 3.512, 4.226, 4.946, 6.127, 7.323

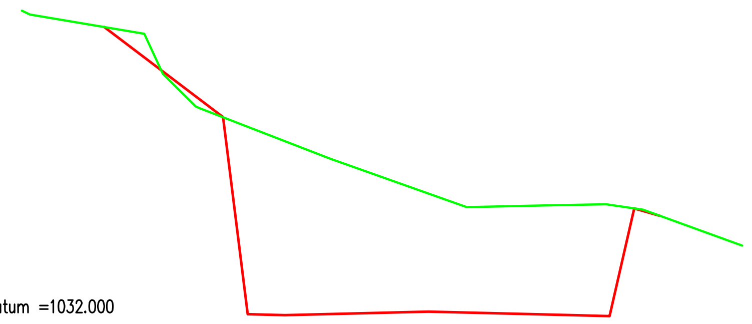
Chainage =38500.000



Level Datum =1029.000

Design Levels	1035.434, 1033.422, 1033.323, 1030.806, 1030.784, 1030.871, 1030.784, 1030.761, 1031.162, 1030.945
Design Offset	-9.028, -5.708, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.600, 5.000
Design Width	3.320, 0.708, 0.600, 0.900, 3.500, 3.500, 0.900, 0.200
Exi. Ground Levels	1035.809, 1035.187, 1034.524, 1033.425, 1033.120, 1032.717, 1032.148, 1032.118, 1032.081, 1032.084, 1032.040, 1030.505
Exi. Ground Offset	-10.000, -8.386, -6.279, -5.731, -3.535, -2.594, -1.310, -1.061, 2.353, 2.519, 2.984, 5.811

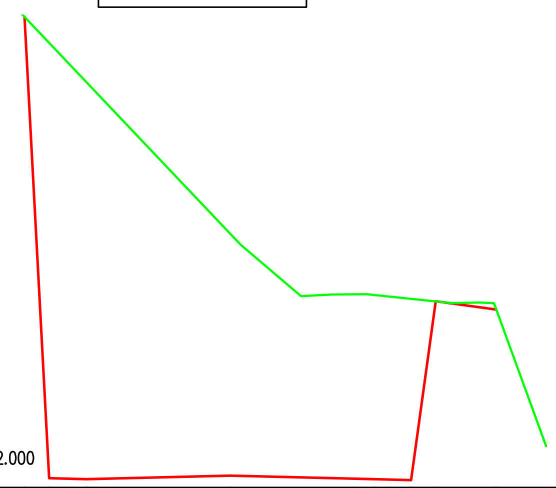
Chainage =38650.000



Level Datum =1032.000

Design Levels	1039.516, 1037.324, 1032.534, 1032.511, 1032.599, 1032.511, 1032.489, 1035.105, 1034.928
Design Offset	-7.891, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.620
Design Width	2.891, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.620
Exi. Ground Levels	1039.817, 1039.353, 1038.377, 1037.582, 1037.546, 1036.318, 1035.138, 1035.168, 1035.186, 1035.204, 1035.075
Exi. Ground Offset	-9.695, -6.917, -6.467, -5.664, -5.577, -2.394, 0.922, 2.325, 3.073, 4.314, 5.215

Chainage =38800.000



Level Datum =1032.000

Design Levels	1045.491, 1034.261, 1034.239, 1034.326, 1034.239, 1034.216, 1038.564, 1038.365
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.474
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.474
Exi. Ground Levels	1046.077, 1039.945, 1038.689, 1038.730, 1038.740, 1038.522, 1038.536, 1038.522
Exi. Ground Offset	-5.556, 0.256, 1.725, 2.480, 3.324, 5.406, 6.059, 6.417

Chainage =38950.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 29
Sheet :	29 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:
Technocrats Advisory Services Pvt. Ltd.
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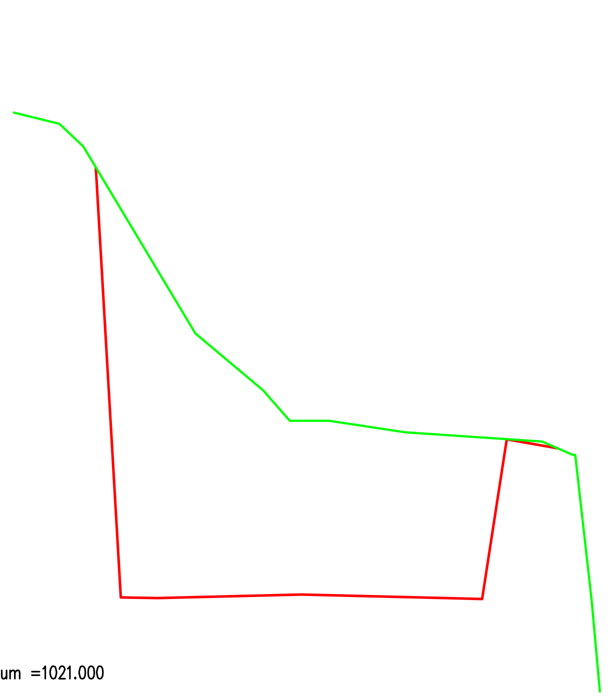
M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144



Level Datum =1021.000

Design Levels	1045.289 1034.837 1034.814 1034.902 1034.814 1034.792 1038.683 1038.464
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 6.236
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.236
Exi. Ground Levels	1046.361 1045.807 1041.256 1039.871 1039.135 1039.136 1038.850 1038.633 [illegible] 1038.304 [illegible] 1034.780
Exi. Ground Offset	-5.892 -5.311 -2.578 -0.928 -0.288 0.675 2.527 5.750 5.864 6.594 [illegible] 7.059

Chainage =39000.000

Level Datum =1035.000

Design Levels	1048.736 1035.989 1035.966 1036.054 1035.966 1035.944 1041.660 1041.642
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 7.249
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.249
Exi. Ground Levels	1047.412 1046.612 1044.273 1041.956 1041.916 1041.547 1041.716 1041.704 1039.439
Exi. Ground Offset	-3.803 -1.193 0.510 2.838 3.803 5.526 8.607 8.653 9.076

Chainage =39100.000

Level Datum =1037.000

Design Levels	1063.512 1037.140 1037.118 1037.205 1037.118 1037.095 1046.176 1045.160
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 8.433
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.433
Exi. Ground Levels	1060.845 1058.399 1057.306 1053.803 1052.458 1047.051 1045.552 1045.570 1044.883
Exi. Ground Offset	-2.917 -1.615 -1.133 1.011 2.086 4.586 5.295 6.114 10.000

Chainage =39200.000

Level Datum =1038.000

Design Levels	1070.664 1038.292 1038.269 1038.357 1038.269 1038.247 1052.239 1048.431
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 9.492
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.492
Exi. Ground Levels	1071.077 1068.209 1066.231 1064.188 1056.208 1055.060 1048.326 1047.833
Exi. Ground Offset	-5.495 -2.059 -1.680 -1.033 0.485 1.672 9.617 10.000

Chainage =39300.000

Level Datum =1034.000

Design Levels	1048.825 1035.413 1035.390 1035.478 1035.390 1035.368 1039.932 1038.043
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.738
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.738
Exi. Ground Levels	1043.907 1043.826 1042.572 1042.370 1040.632 1040.088 1040.157 1040.014 1040.011 1038.297
Exi. Ground Offset	-2.426 -2.393 -1.266 -1.264 1.471 1.605 4.002 4.758 4.971 5.606

Chainage =39050.000

Level Datum =1036.000

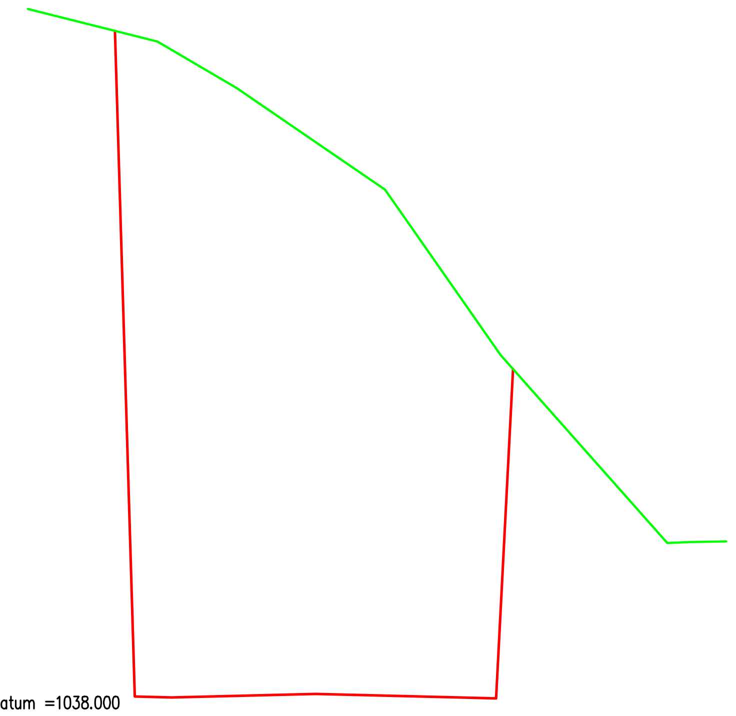
Design Levels	1051.589 1036.564 1036.542 1036.629 1036.542 1036.519 1044.835 1041.661
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 6.971
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.971
Exi. Ground Levels	1052.841 1050.907 1049.512 1046.100 1045.648 1044.895 1044.848 1038.611
Exi. Ground Offset	-6.063 -4.421 -2.724 0.427 0.915 4.738 5.085 8.777

Chainage =39150.000

Level Datum =1037.000

Design Levels	1048.968 1037.716 1037.693 1037.781 1037.693 1037.671 1046.418 1046.381
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 8.755
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.755
Exi. Ground Levels	1049.113 1048.156 1047.443 1047.110 1046.460 1046.442 1046.419 1046.378 1046.330 1046.414
Exi. Ground Offset	-5.230 -3.704 -2.306 0.039 3.148 3.608 4.976 5.818 6.821 10.000

Chainage =39250.000



Level Datum =1038.000

Design Levels	1059.081 1038.868 1038.845 1038.933 1038.845 1038.823 1050.600 1046.781
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 8.379
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.379
Exi. Ground Levels	1058.921 1058.790 1057.663 1055.186 1051.157 1046.575 1046.601 1046.618
Exi. Ground Offset	-4.368 -3.846 -1.918 1.692 4.506 8.562 9.101 10.000

Chainage =39350.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 30			Sheet : 30 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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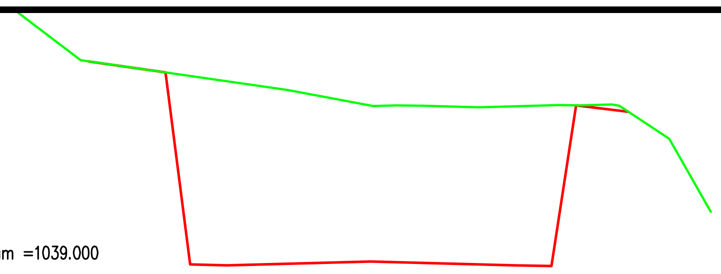
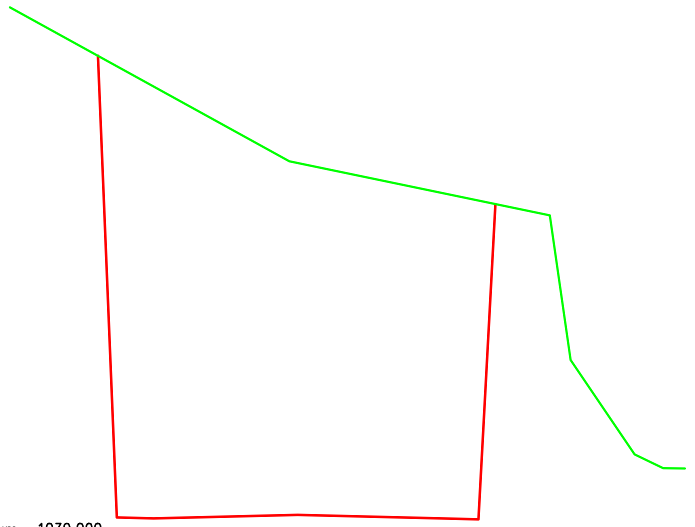


Level Datum =1039.000

Design Levels	1044.371, 1044.102, 1039.443, 1039.421, 1039.508, 1039.421, 1039.398, 1043.303, 1043.150
Design Offset	-6.864, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.276
Design Width	1.864, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.276
Exi. Ground Levels	1044.399, 1043.672, 1043.288, 1043.303, 1043.295, 1043.257, 1043.306, 1043.303, 1043.323, 1043.297, 1042.494
Exi. Ground Offset	-7.057, -2.020, 0.057, 0.615, 1.269, 2.631, 4.544, 5.097, 5.863, 6.053, 7.266

Chainage =39400.000



Level Datum =1039.000

Design Levels	1054.653, 1040.019, 1039.997, 1040.084, 1039.997, 1039.974, 1050.927, 1046.024
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 7.425
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.425
Exi. Ground Levels	1052.008, 1050.689, 1047.168, 1044.867, 1044.537
Exi. Ground Offset	-0.197, 6.143, 6.651, 8.208, 8.895

Chainage =39450.000

Level Datum =1034.000

Design Levels	1053.977, 1040.572, 1040.550, 1040.637, 1040.550, 1040.527, 1046.616, 1046.178
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.225
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.225
Exi. Ground Levels	1053.819, 1053.966, 1050.702, 1049.208, 1047.902, 1047.349, 1046.706, 1046.643, 1046.572, 1046.484, 1046.038, 1045.702
Exi. Ground Offset	-4.686, -2.911, -1.080, 0.235, 0.422, 1.872, 2.826, 4.389, 5.983, 6.294, 7.651, 7.721

Chainage =39500.000

Level Datum =1040.000

Design Levels	1056.608, 1040.947, 1040.924, 1041.012, 1040.924, 1040.902, 1048.188, 1046.655
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 7.276
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.276
Exi. Ground Levels	1056.562, 1049.645, 1050.264, 1050.038, 1049.995, 1049.671, 1049.299, 1046.709, 1046.693, 1046.651, 1046.661, 1046.647
Exi. Ground Offset	-4.859, 0.507, 1.174, 1.595, 1.638, 2.421, 4.640, 5.479, 6.466, 7.353, 8.161, 8.939

Chainage =39550.000

Level Datum =1041.000

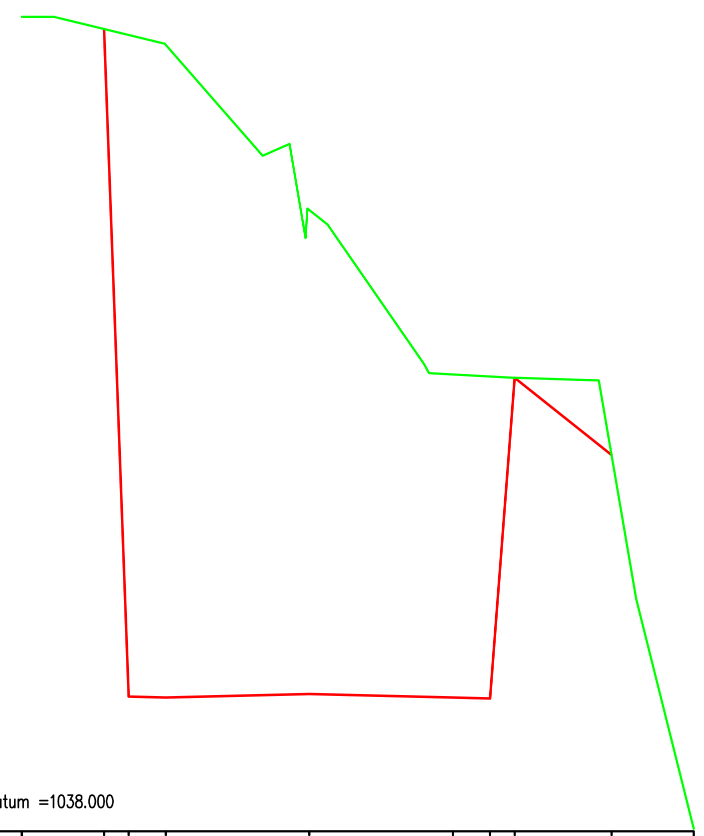
Design Levels	1060.022, 1041.113, 1041.090, 1041.178, 1041.090, 1041.068, 1059.839, 1050.385
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 9.059
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.059
Exi. Ground Levels	1059.881, 1060.587, 1059.814, 1058.695, 1058.275, 1060.444, 1052.633, 1052.287, 1050.721, 1050.521, 1050.170
Exi. Ground Offset	-6.147, -0.398, 1.525, 3.658, 4.667, 5.129, 6.994, 7.071, 8.247, 8.464, 10.000

Chainage =39600.000

Level Datum =1041.000

Design Levels	1064.139, 1041.222, 1041.200, 1041.287, 1041.200, 1041.177, 1051.190, 1049.005
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.314
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.314
Exi. Ground Levels	1065.440, 1061.861, 1055.938, 1054.066, 1052.950, 1051.863, 1051.187, 1051.206, 1051.217, 1051.196, 1043.321
Exi. Ground Offset	-5.920, -3.389, 0.486, 1.784, 2.092, 2.743, 4.823, 5.831, 6.954, 7.663, 10.000

Chainage =39700.000



Level Datum =1038.000

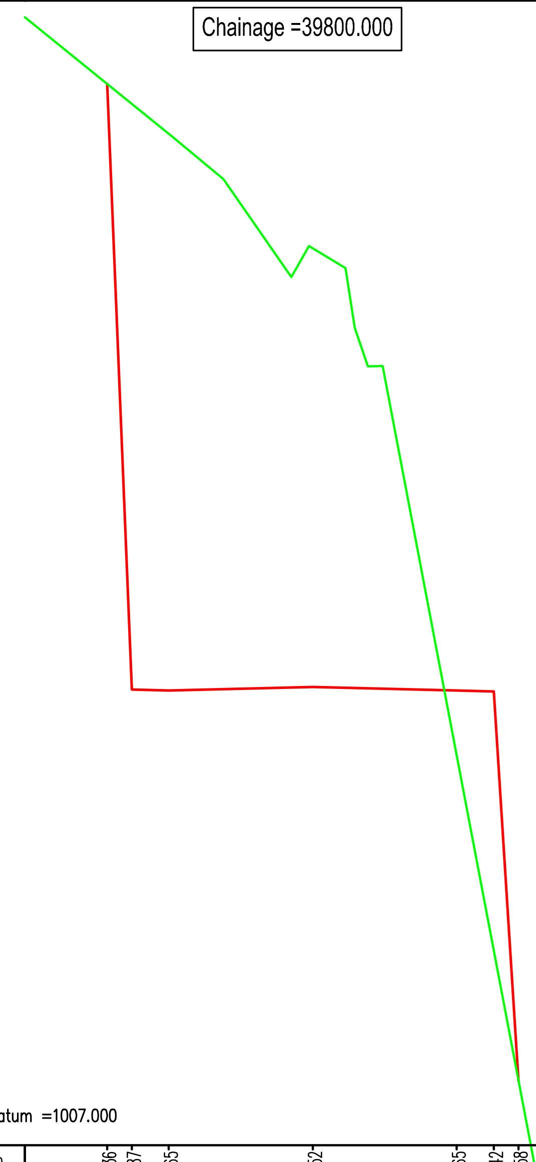
Design Levels	1057.527, 1041.277, 1041.255, 1041.342, 1041.255, 1041.232, 1049.037, 1047.159
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.363
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.363
Exi. Ground Levels	1057.820, 1057.172, 1054.439, 1054.729, 1052.441, 1053.157, 1052.768, 1049.375, 1049.145, 1049.037, 1049.032, 1048.977, 1048.977, 1043.650
Exi. Ground Offset	-6.218, -3.520, -1.138, -0.486, -0.091, -0.048, 0.443, 2.792, 3.006, 4.993, 5.080, 6.772, 7.053, 7.963

Chainage =39750.000

Level Datum =1035.000

Design Levels	1061.111, 1041.332, 1041.310, 1041.397, 1041.310, 1041.287, 1049.182, 1044.383
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.948
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.948
Exi. Ground Levels	1061.994, 1061.092, 1060.650, 1053.365, 1050.286, 1050.341, 1050.165, 1049.581, 1049.397, 1049.396, 1043.366
Exi. Ground Offset	-6.492, -4.967, -3.997, 0.628, 1.021, 1.889, 3.104, 3.732, 4.763, 4.958, 6.149

Chainage =39800.000



Level Datum =1007.000

Design Levels	1056.136, 1041.387, 1041.365, 1041.452, 1041.365, 1041.342, 1031.858, 1022.794
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.718
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.718
Exi. Ground Levels	1054.853, 1053.822, 1051.431, 1052.188, 1051.653, [illegible], 1049.262, 1049.267, 1020.056
Exi. Ground Offset	-3.419, -2.174, -0.524, -0.093, 0.794, 1.023, 1.341, 1.699, 7.238

Chainage =39850.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section	
Chainage :-		
Drawing No. :- AIPPL/BRO/DPR/CS/ 31		Sheet : 31 of End
Scale :- NTS		
Drng.	Dgn.by	Appd.by
		Date: OCT-2021

CONSULTANT:
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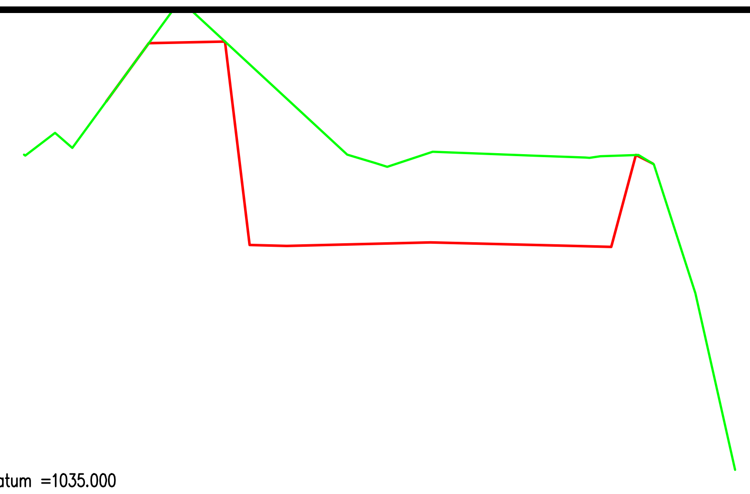


Level Datum =1035.000

Design Levels	1044.935, 1046.354, 1046.391, 1041.442, 1041.419, 1041.507, 1041.419, 1041.397, 1043.631, 1043.425
Design Offset	-7.893, -6.856, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.414
Design Width	1.037, 1.856, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.414
Exi. Ground Levels	1043.618, 1044.171, 1043.803, 1047.400, 1043.642, 1043.435, 1043.347, 1043.712, 1043.619, 1043.571, 1043.605, 1043.633, 1043.410, 1040.267
Exi. Ground Offset	-9.863, -9.139, -8.720, -6.091, -2.027, -1.351, -1.048, 0.054, 2.476, 3.771, 4.135, 5.065, 5.438, 6.453

Chainage =39900.000

Level Datum =1041.000

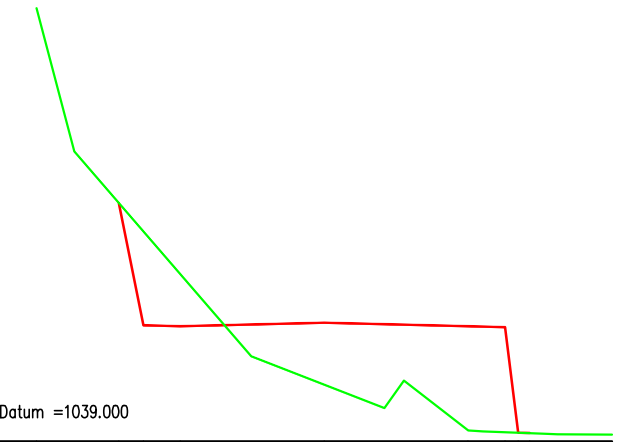
Design Levels	1055.514, 1041.607, 1041.584, 1041.672, 1041.584, 1041.562, 1041.884, 1041.869
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.561, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.161
Exi. Ground Levels	1055.949, 1055.502, 1055.151, 1053.767, 1052.249, 1048.970, 1044.947, 1043.157, 1042.936, 1041.915, 1041.913, 1041.856, 1041.842, 1041.846
Exi. Ground Offset	-6.000, -4.972, -4.613, -4.168, -2.467, -1.220, 1.094, 1.724, 1.963, 3.518, 3.758, 5.370, 6.529, 6.858

Chainage =40050.000

Level Datum =1038.000

Design Levels	1051.568, 1041.716, 1041.694, 1041.781, 1041.694, 1041.671, 1038.986, 1038.989
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.736, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.336
Exi. Ground Levels	1047.726, 1042.392, 1039.576, 1040.066, 1038.992, 1038.975, 1038.990, 1039.000
Exi. Ground Offset	-0.568, 2.156, 2.745, 2.844, 3.674, 3.889, 5.075, 6.167

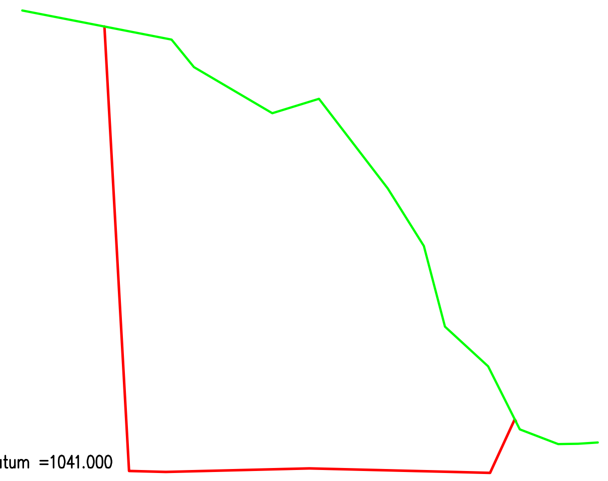
Chainage =40150.000



Level Datum =1039.000

Design Levels	1044.813, 1041.826, 1041.803, 1041.891, 1041.803, 1041.781, 1039.221, 1039.200
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.721, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.321
Exi. Ground Levels	1046.061, 1041.071, 1039.808, 1040.479, 1039.261, 1039.245, 1039.188, 1039.174
Exi. Ground Offset	-6.076, -1.771, 1.463, 1.945, 3.508, 3.866, 5.306, 5.678

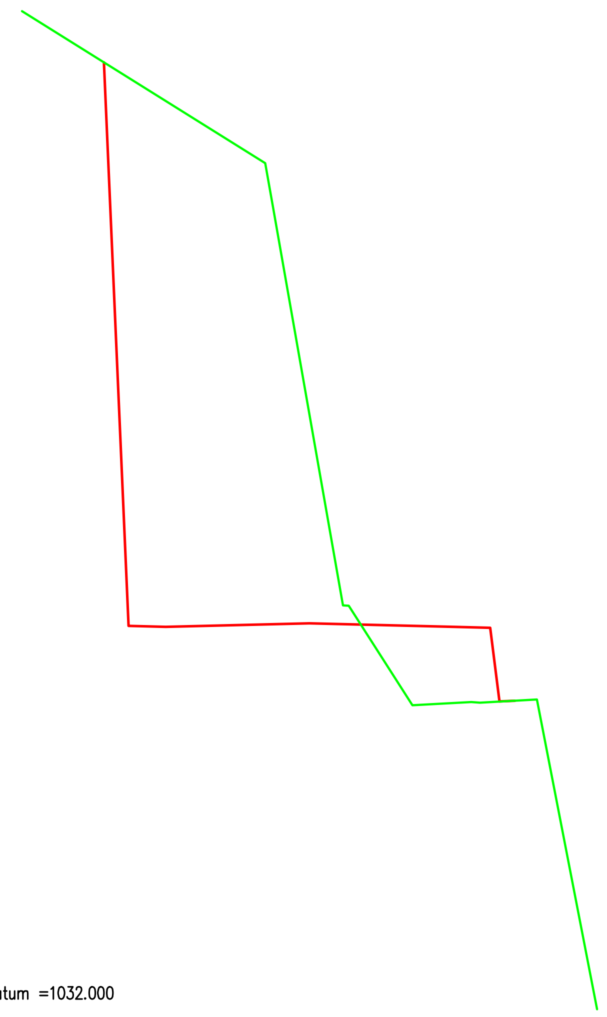
Chainage =40250.000



Level Datum =1041.000

Design Levels	1052.320, 1041.497, 1041.474, 1041.562, 1041.474, 1041.452, 1042.756, 1042.704
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.026
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1051.999, 1051.333, 1050.210, 1050.558, 1048.382, 1046.976, 1045.010, 1044.047, 1042.515, 1042.153, 1042.166
Exi. Ground Offset	-3.360, -2.815, -0.904, 0.228, 1.902, 2.783, 3.297, 4.352, 5.121, 6.061, 6.541

Chainage =39950.000



Level Datum =1032.000

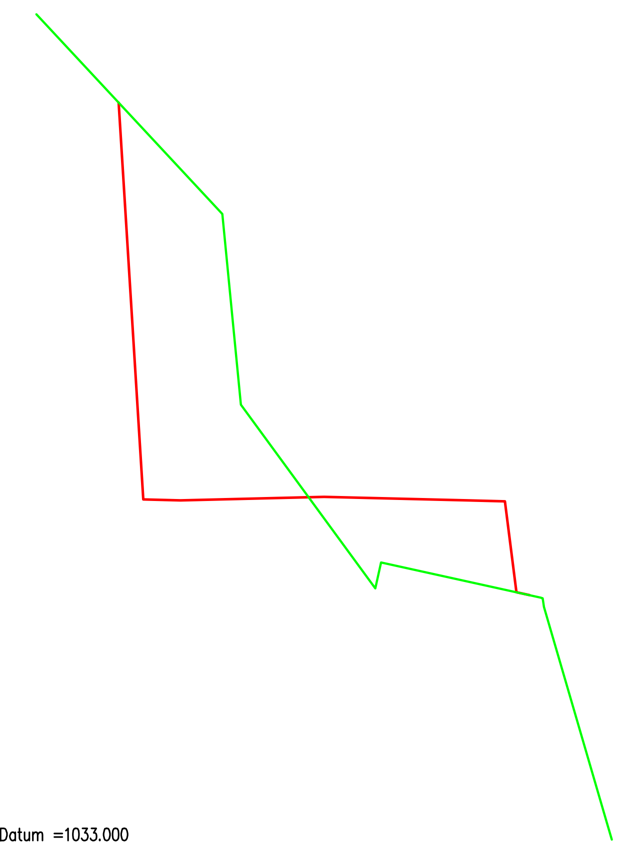
Design Levels	1055.379, 1041.661, 1041.639, 1041.726, 1041.639, 1041.616, 1039.820, 1039.841
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.625, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.225
Exi. Ground Levels	1052.928, 1051.827, 1042.161, 1042.150, 1039.730, 1039.806, 1039.794, 1039.871
Exi. Ground Offset	-1.080, -0.880, 0.816, 0.957, 2.504, 3.940, 4.147, 5.536

Chainage =40100.000

Level Datum =1034.000

Design Levels	1048.948, 1047.355, 1041.771, 1041.749, 1041.836, 1041.749, 1041.726, 1040.355, 1040.299
Design Offset	-7.988, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.571, 5.000
Design Width	2.988, 0.600, 0.900, 3.500, 3.500, 0.900, 0.171
Exi. Ground Levels	1049.501, 1045.879, 1046.871, 1046.065, 1044.359, 1043.388, 1042.532, 1042.493, 1040.508, 1040.412, 1040.249
Exi. Ground Offset	-9.026, -2.233, 0.498, 0.790, 1.226, 1.545, 1.849, 1.977, 3.625, 4.131, 5.384

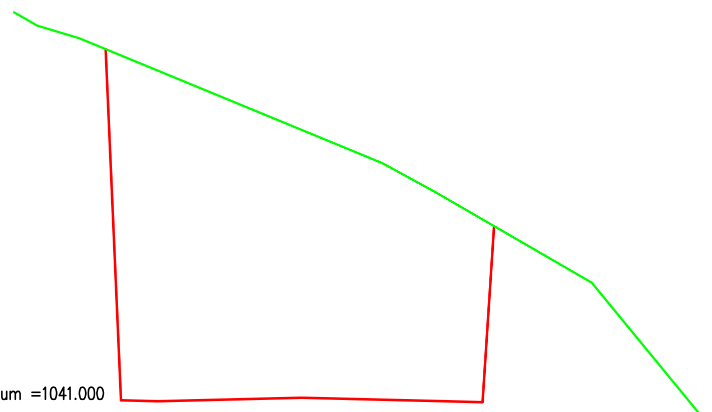
Chainage =40200.000



Level Datum =1033.000

Design Levels	1051.542, 1041.881, 1041.858, 1041.946, 1041.858, 1041.836, 1039.620, 1039.549
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.677, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.277
Exi. Ground Levels	1048.832, 1044.190, 1039.716, 1040.346, 1039.490, 1039.266, 1034.050
Exi. Ground Offset	-2.477, -2.028, 1.243, 1.386, 5.279, 5.352, 6.870

Chainage =40300.000



Level Datum =1041.000

Design Levels	1055.381, 1041.552, 1041.529, 1041.617, 1041.529, 1041.507, 1050.783, 1048.540
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 7.917
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.917
Exi. Ground Levels	1055.849, 1055.552, 1052.505, 1051.785, 1049.595
Exi. Ground Offset	-6.431, -5.415, 1.962, 3.267, 7.054

Chainage =40000.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 32
Sheet :	32 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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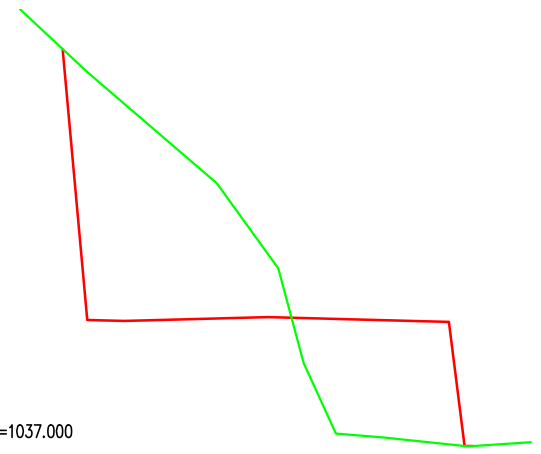
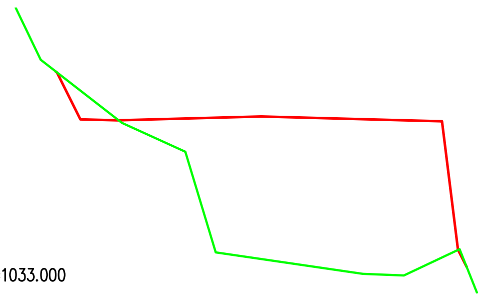


Level Datum =1037.000

Design Levels	1048.528 1041.936 1041.913 1042.001 1041.913 1041.891 1038.865 1038.864
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.778 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.378
Exi. Ground Levels	1047.961 1045.259 1043.188 1040.892 1039.169 1039.074 1038.855 1038.954 1038.966
Exi. Ground Offset	-4.396 -1.245 0.245 0.859 1.649 2.794 4.868 6.267 6.549

Chainage =40350.000



Level Datum =1033.000

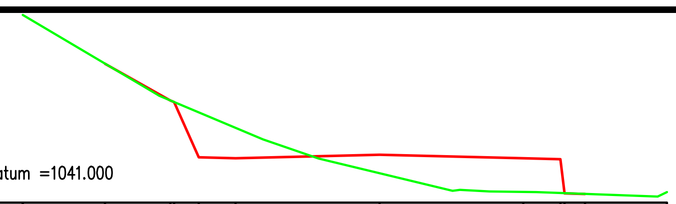
Design Levels	1043.151 1043.126 1041.991 1041.968 1042.056 1041.968 1041.946 1038.818 1038.407
Design Offset	-5.000 -4.968 -4.400 -3.500 0.000 3.500 4.400 4.791 5.000
Design Width	0.032 0.900 3.500 3.500 0.900 0.391
Exi. Ground Levels	1043.439 1041.906 1041.198 1038.754 1038.234 1038.196 1038.836 1037.752
Exi. Ground Offset	-5.371 -3.393 -1.846 -1.105 2.477 3.477 4.828 5.263

Chainage =40400.000

Level Datum =1042.000

Design Levels	1061.172 1042.045 1042.023 1042.110 1042.023 1042.000 1047.617 1045.070
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.935
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.935
Exi. Ground Levels	1060.905 1060.225 1053.185 1050.718 1049.329 1046.991 1045.797 1042.592 1042.127
Exi. Ground Offset	-3.870 -2.076 2.506 4.360 4.751 5.222 5.449 7.581 7.880

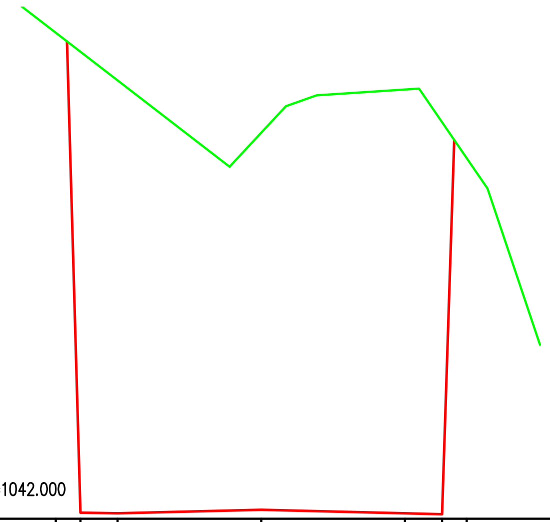
Chainage =40450.000



Level Datum =1041.000

Design Levels	1044.383 1043.485 1043.447 1042.100 1042.078 1042.165 1042.078 1042.055 1041.226 1041.208
Design Offset	-6.683 -5.093 -5.000 -4.400 -3.500 0.000 3.500 4.400 4.504 5.000
Design Width	1.590 0.093 0.900 3.500 3.500 0.900 0.104
Exi. Ground Levels	1043.640 1043.600 1042.537 1042.074 1041.280 1041.309 1041.272 1041.251 1041.143
Exi. Ground Offset	-5.430 -5.366 -2.832 -1.476 1.777 1.955 2.684 3.821 6.774

Chainage =40500.000



Level Datum =1042.000

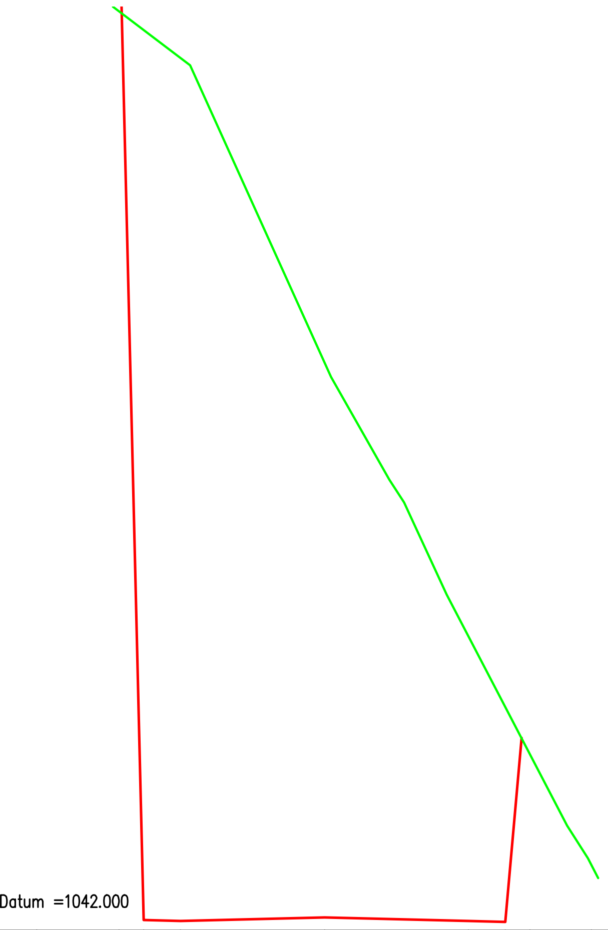
Design Levels	1063.356 1042.155 1042.133 1042.220 1042.133 1042.110 1060.302 1050.084
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 8.387
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.387
Exi. Ground Levels	1060.096 1061.568 1061.831 1061.994 1059.565 1054.531 1046.078 1045.496
Exi. Ground Offset	-0.768 0.604 1.349 3.843 5.504 7.198 9.458 10.000

Chainage =40550.000

Level Datum =1041.000

Design Levels	1057.289 1042.210 1042.188 1042.275 1042.188 1042.165 1042.762 1042.644
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.698 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.298
Exi. Ground Levels	1052.133 1046.134 1044.914 1044.722 1043.443 1043.452
Exi. Ground Offset	-1.183 0.679 0.937 1.890 2.628 2.924

Chainage =40600.000



Level Datum =1042.000

Design Levels	1067.194 1042.265 1042.242 1042.330 1042.242 1042.220 1049.100 1046.405
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 6.493
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.493
Exi. Ground Levels	1067.320 1065.875 1058.293 1055.788 1055.238 1052.996 1047.370 1046.575 1045.006 1044.127
Exi. Ground Offset	-5.165 -3.270 0.162 1.574 1.935 2.974 5.900 6.405 7.219 8.275

Chainage =40650.000

Level Datum =1041.000

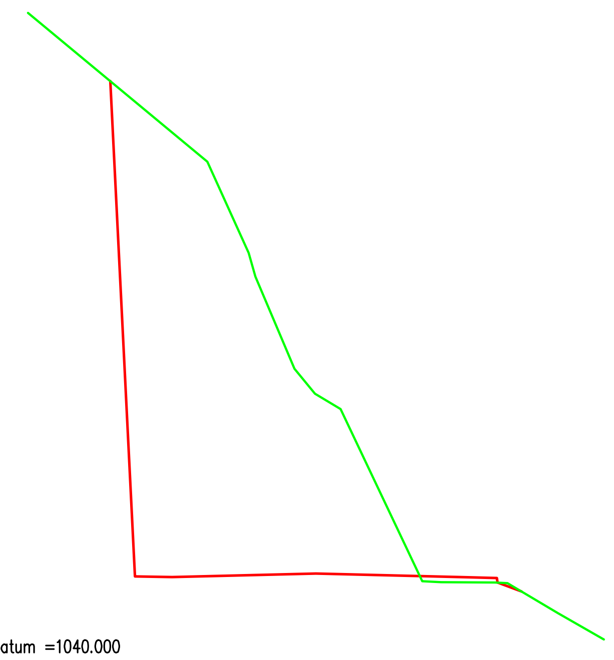
Design Levels	1059.674 1042.320 1042.297 1042.385 1042.297 1042.275 1046.866 1044.392
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.459
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.459
Exi. Ground Levels	1056.890 1051.554 1045.435 1042.533 1045.367 1046.892 1041.764
Exi. Ground Offset	-1.806 -0.089 2.119 3.787 4.089 5.016 5.924

Chainage =40700.000

Level Datum =1042.000

Design Levels	1061.416 1042.375 1042.352 1042.440 1042.352 1042.330 1042.146 1042.166
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.423 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.023
Exi. Ground Levels	1053.277 1062.362 1055.362 1048.618 1047.133 1042.623 1042.121 1042.131 1042.171 1042.196
Exi. Ground Offset	-6.255 -5.375 -2.603 -1.582 -0.544 3.080 3.546 3.982 5.169 5.862

Chainage =40750.000



Level Datum =1040.000

Design Levels	1054.481 1042.429 1042.407 1042.494 1042.407 1042.384 1042.275 1042.057
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 4.414 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.014
Exi. Ground Levels	1052.519 1050.395 1049.724 1047.480 1046.876 1046.503 1042.307 1042.285 1042.278 1042.261 1041.534
Exi. Ground Offset	-2.638 -1.639 -1.472 -0.525 -0.021 0.601 2.587 3.044 4.350 4.656 5.885

Chainage =40800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 33			Sheet : 33 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:
Technocrats Advisory Services Pvt. Ltd.
Flat No, - 68, Ajanta Apartment, 36, I.P Extension
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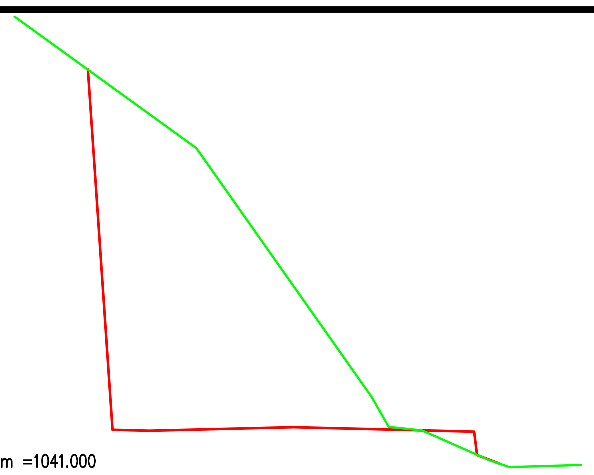
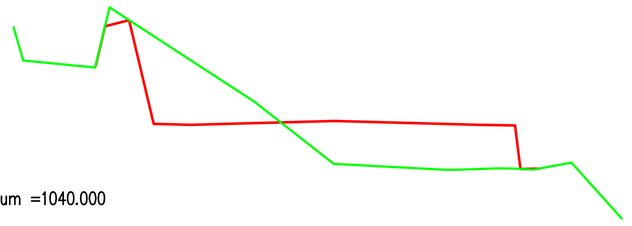
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144



Level Datum =1041.000

Design Levels	1051.256, 1042.484, 1042.462, 1042.549, 1042.462, 1042.439, 1041.873, 1041.665
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.471, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.071
Exi. Ground Levels	1049.342, 1043.280, 1042.554, 1042.467, 1041.742, 1041.577, 1041.584
Exi. Ground Offset	−2.356, 1.913, 2.325, 3.135, 4.765, 5.267, 5.434

Chainage =40850.000



Level Datum =1040.000

Design Levels	1043.952, 1044.915, 1045.060, 1042.539, 1042.517, 1042.604, 1042.517, 1042.494, 1041.437, 1041.449
Design Offset	−5.813, −5.587, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.532, 5.000
Design Width	0.226, 0.600, 0.900, 3.500, 3.500, 0.900, 0.132
Exi. Ground Levels	1044.077, 1043.907, [illegible], 1043.372, 1043.079, 1041.565, 1041.432, 1041.415, 1041.450, 1041.442, 1041.422, 1041.594, 1041.567
Exi. Ground Offset	−7.581, −5.823, [illegible], −5.479, −1.956, −0.020, 2.483, 2.851, 3.989, 4.410, 4.853, 5.774, 5.799

Chainage =40900.000

Level Datum =1042.000

Design Levels	1068.176, 1042.594, 1042.572, 1042.659, 1042.572, 1042.549, 1049.511, 1047.076
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 6.663
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.663
Exi. Ground Levels	1071.344, 1066.134, 1063.669, 1063.761, 1060.286, 1057.708, 1057.360, 1048.229, 1047.944, 1047.293
Exi. Ground Offset	−6.575, −3.984, −2.218, −1.076, 0.311, 0.768, 1.218, 5.618, 5.839, 6.447

Chainage =40950.000

Level Datum =1042.000

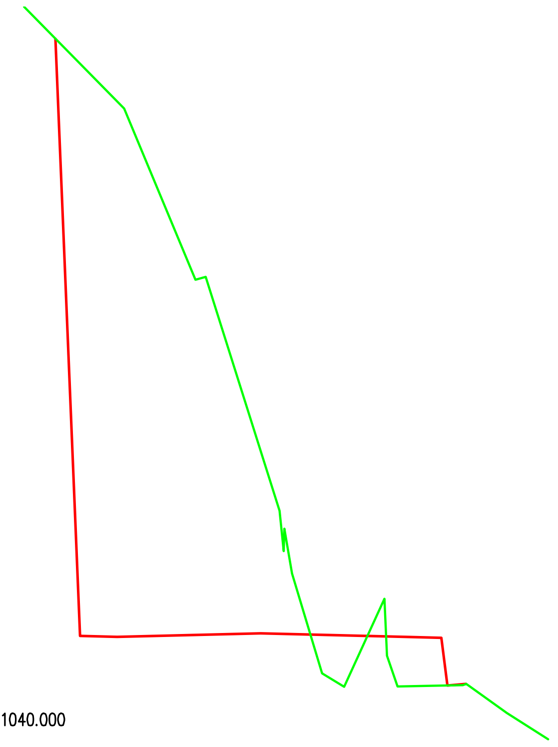
Design Levels	1060.143, 1042.649, 1042.626, 1042.714, 1042.626, 1042.604, 1050.849, 1047.322
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.759
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.759
Exi. Ground Levels	1059.703, 1056.957, 1055.447, 1055.176, 1054.331, 1052.088, 1044.276, 1043.250
Exi. Ground Offset	−4.634, −2.314, −0.927, 0.766, 2.764, 4.382, 8.278, 8.690

Chainage =41000.000

Level Datum =1041.000

Design Levels	1056.428, 1042.704, 1042.681, 1042.769, 1042.681, 1042.659, 1046.652, 1044.989
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.565
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.565
Exi. Ground Levels	1052.987, 1052.026, 1048.563, 1046.043, 1044.757, 1041.955
Exi. Ground Offset	−2.572, 0.545, 4.051, 5.302, 5.789, 7.484

Chainage =41050.000



Level Datum =1040.000

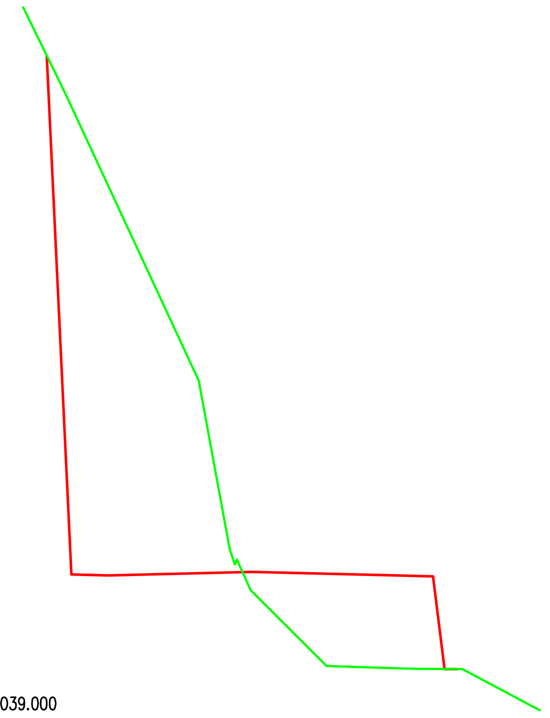
Design Levels	1057.300, 1042.759, 1042.736, 1042.824, 1042.736, 1042.714, 1041.551, 1041.587
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.545, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.145
Exi. Ground Levels	1055.601, 1051.427, 1051.501, 1045.806, 1044.278, 1041.851, 1041.522, 1043.666, 1041.526, 1041.558, 1041.569, 1040.884
Exi. Ground Offset	−3.325, −1.587, −1.344, 0.460, 0.763, 1.494, 2.028, 3.014, 3.335, 4.881, 5.005, 5.999

Chainage =41100.000

Level Datum =1039.000

Design Levels	1055.330, 1042.814, 1042.791, 1042.879, 1042.791, 1042.769, 1041.766, 1040.825
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.525, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.125
Exi. Ground Levels	1055.340, 1055.281, 1053.722, 1054.107, 1054.300, 1050.694, 1044.967, 1042.957, 1042.847, 1039.852, 1039.874
Exi. Ground Offset	−5.454, −2.754, −1.710, −1.312, −1.113, 0.216, 2.667, 3.934, 3.980, 5.491, 6.495

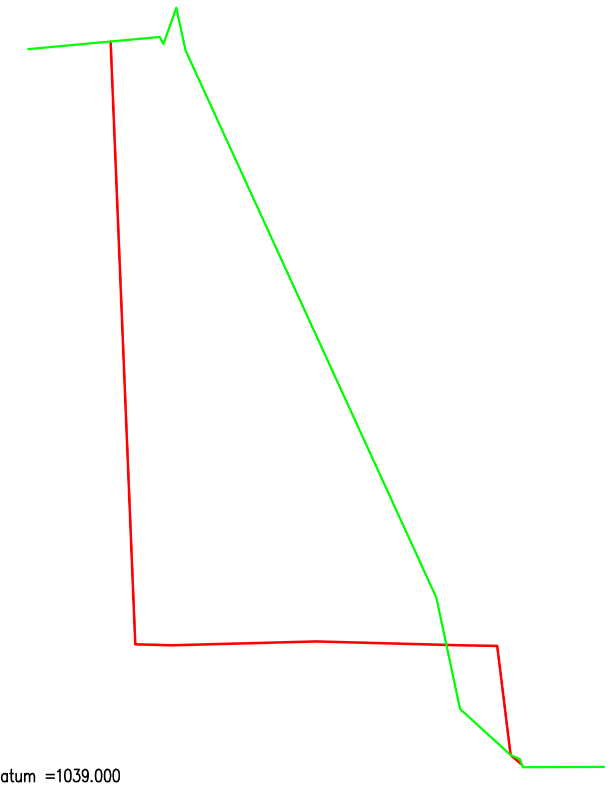
Chainage =41150.000



Level Datum =1039.000

Design Levels	1055.505, 1042.868, 1042.846, 1042.933, 1042.846, 1042.823, 1040.564, 1040.561
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.682, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.282
Exi. Ground Levels	1054.571, 1047.587, 1043.478, 1043.339, [illegible], 1042.482, 1040.641, 1040.619, 1040.586, 1040.569, 1040.561
Exi. Ground Offset	−4.545, −1.302, −0.546, −0.374, [illegible], −0.043, 1.805, 2.421, 3.423, 3.978, 5.115

Chainage =41200.000



Level Datum =1039.000

Design Levels	1057.598, 1042.923, 1042.901, 1042.988, 1042.901, 1042.878, 1040.225, 1039.989
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.732, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.332
Exi. Ground Levels	1057.708, 1058.412, 1057.380, 1044.056, 1041.345, 1040.225, [illegible], 1039.930
Exi. Ground Offset	−3.810, −3.401, −3.176, 2.923, 3.495, 4.728, 5.022, 5.081

Chainage =41250.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 34
Sheet :	34 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
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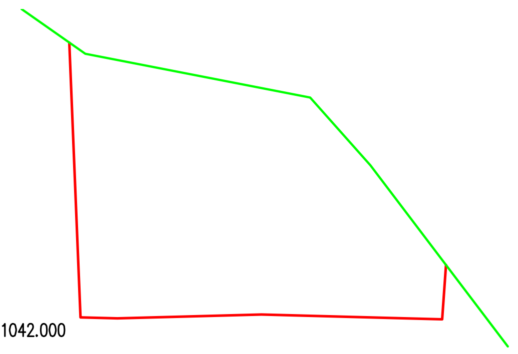
PH:0120-2400144

Level Datum =1039.000

Design Levels	1045.029	1042.978	1042.956	1043.043	1042.956	1042.933	1040.463	1040.357			
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.709	5.000			
Design Width	0.600	0.900	3.500	3.500	0.900	0.309					
Exi. Ground Levels	1045.992	1045.141	1045.021	1043.925	1042.318	1042.221	1040.651	1040.625	1040.626	1040.622	1040.226
Exi. Ground Offset	-5.525	-5.102	-4.993	-2.709	-1.129	-0.921	0.602	2.393	2.663	4.340	5.256

Chainage =41300.000



Level Datum =1042.000

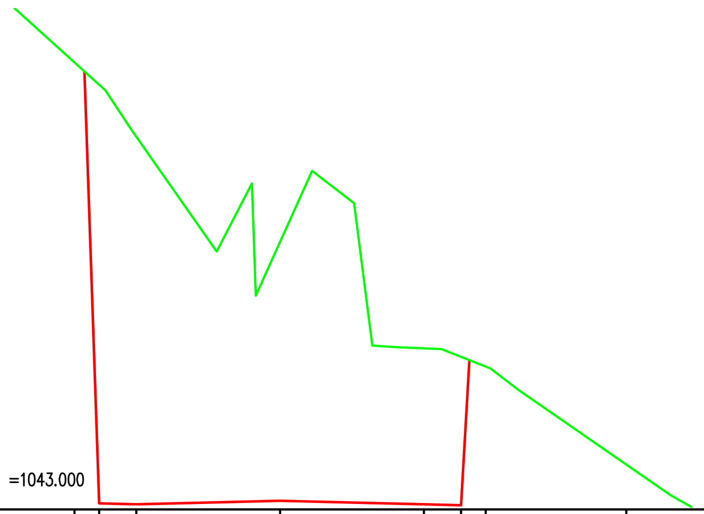
Design Levels	1058.023	1043.033	1043.010	1043.098	1043.010	1042.988	1051.694	1048.708
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	7.260
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.260	
Exi. Ground Levels	1058.564	1057.518	1056.447	1054.795	1047.315	1046.726		
Exi. Ground Offset	-5.774	-4.279	1.189	2.652	8.314	8.718		

Chainage =41350.000

Level Datum =1043.000

Design Levels	1062.275	1043.088	1043.065	1043.153	1043.065	1043.043	1050.253	1049.277				
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	7.517				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.517					
Exi. Ground Levels	1061.657	1062.337	1059.919	1058.269	1052.074	1051.721	1050.230	1050.234	1050.236	1050.255	1050.254	1050.203
Exi. Ground Offset	-5.388	-4.961	-1.845	-0.761	0.451	0.637	2.464	2.895	4.087	5.104	5.730	6.524

Chainage =41400.000



Level Datum =1043.000

Design Levels	1060.932	1043.143	1043.120	1043.208	1043.120	1043.098	1053.528	1051.141						
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	8.422						
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.422							
Exi. Ground Levels	1060.252	1059.315	1056.333	1057.988	1055.259	1058.294	1057.506	1054.038	1054.003	1053.954	1053.484	1052.957	1050.391	1050.113
Exi. Ground Offset	-4.251	-3.628	-1.543	-0.683	-0.591	0.781	1.801	2.242	2.836	3.925	5.111	5.806	9.503	10.000

Chainage =41450.000

Level Datum =1043.000

Design Levels	1060.209	1043.198	1043.175	1043.263	1043.175	1043.153	1052.959	1052.293				
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	8.970				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.970					
Exi. Ground Levels	1060.420	1057.189	1054.312	1053.904	1053.918	1052.878	1052.948	1053.064	1053.095	1052.792	1052.665	1051.899
Exi. Ground Offset	-5.190	-2.281	1.746	2.324	2.443	3.946	4.861	6.308	6.731	7.594	7.998	10.000

Chainage =41500.000

Level Datum =1043.000

Design Levels	1059.178	1043.252	1043.230	1043.317	1043.230	1043.207	1050.755	1049.676			
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	7.634			
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.634				
Exi. Ground Levels	1060.046	1058.645	1060.758	1055.830	1052.585	1056.295	1056.250	1050.693	1050.721	1050.780	1050.281
Exi. Ground Offset	-6.883	-3.843	-2.399	-0.592	0.776	1.726	1.766	4.011	4.407	5.425	5.872

Chainage =41550.000

Level Datum =1043.000

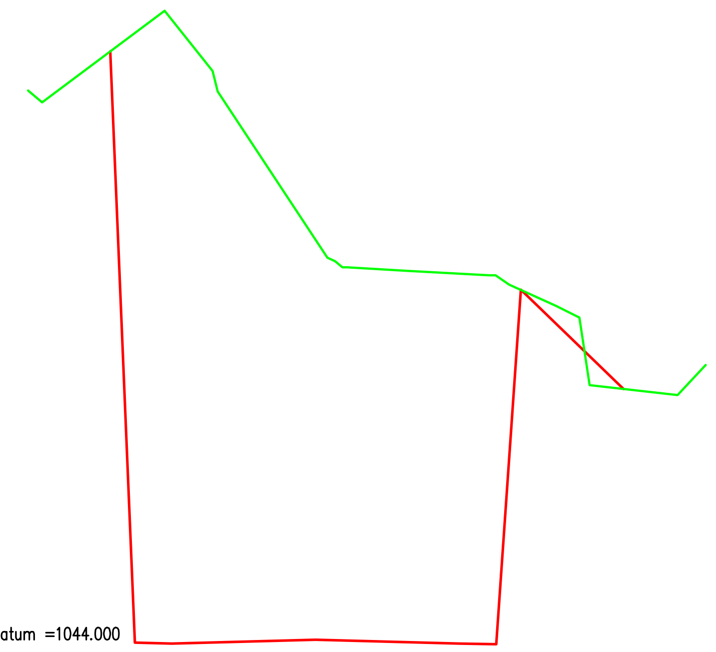
Design Levels	1062.994	1043.474	1043.452	1043.539	1043.452	1043.429	1050.796	1049.990			
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	7.680			
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.680				
Exi. Ground Levels	1066.365	1062.785	1056.946	1054.533	1050.785	1050.765	1050.773	1050.774	1050.812	1050.817	1050.917
Exi. Ground Offset	-3.553	-1.237	0.874	1.323	3.142	3.455	4.401	4.449	5.392	5.881	6.245

Chainage =41600.000

Level Datum =1043.000

Design Levels	1056.874	1043.992	1043.970	1044.057	1043.970	1043.947	1053.045	1052.052		
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	8.453		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.453			
Exi. Ground Levels	1056.983	1056.713	1056.566	1057.396	1055.130	1055.223	1055.423	1053.044	1053.049	1050.619
Exi. Ground Offset	-6.690	-2.502	-0.199	0.081	1.512	2.493	3.269	4.713	7.376	10.000

Chainage =41650.000



Level Datum =1044.000

Design Levels	1058.888	1044.510	1044.488	1044.575	1044.488	1044.465	1053.090	1050.680							
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	7.507							
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.507								
Exi. Ground Levels	1057.651	1059.878	1059.418	1057.918	1053.871	1053.638	1053.636	1053.553	1053.447	1053.445	1053.221	1052.694	1052.417	1050.774	1050.532
Exi. Ground Offset	-6.660	-3.672	-2.596	-2.379	0.293	0.659	0.764	2.211	4.236	4.391	4.713	5.867	6.425	6.675	8.818

Chainage =41700.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 35			Sheet : 35 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
Flat No, - 68, Ajanta Apartment, 36, I.P Extension
Patparganj Delhi - 110092
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R.n. 73, Kapil Muni House, Sector - 62
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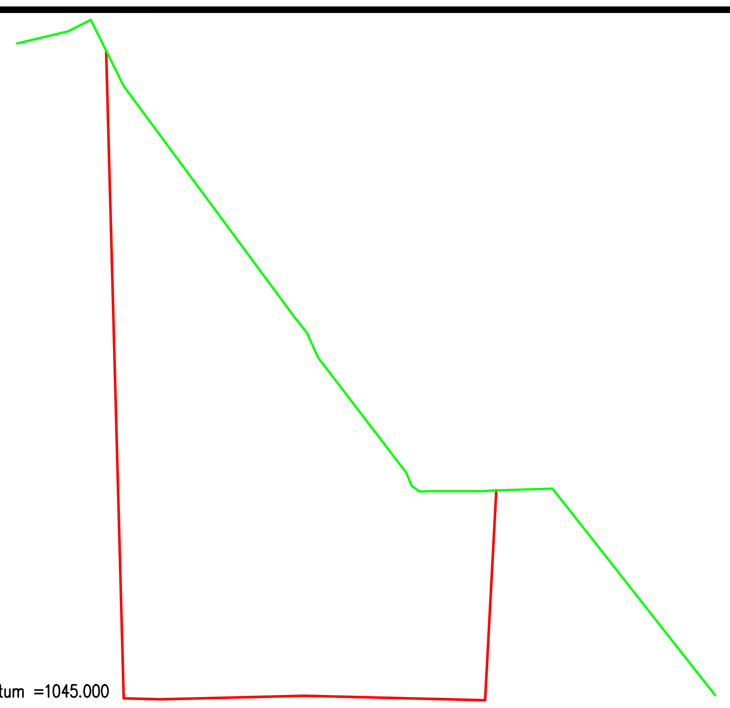
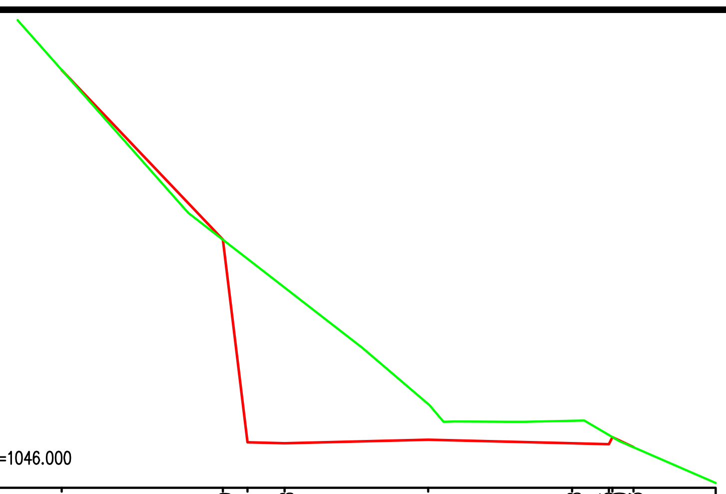
PH:0120-2400144



Level Datum =1045.000

Design Levels	1067.627 1045.546 1045.524 1045.611 1045.524 1045.501 1056.600 1053.587
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 8.443
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.443
Exi. Ground Levels	1067.755 1068.037 1066.422 1060.884 1060.419 1059.815 1057.015 1056.561 1056.564 1056.571 1056.586 1056.633 1052.053 1051.608
Exi. Ground Offset	-5.753 -5.205 -4.397 -0.306 0.065 0.336 2.482 2.798 3.136 4.328 4.551 6.047 9.649 10.000

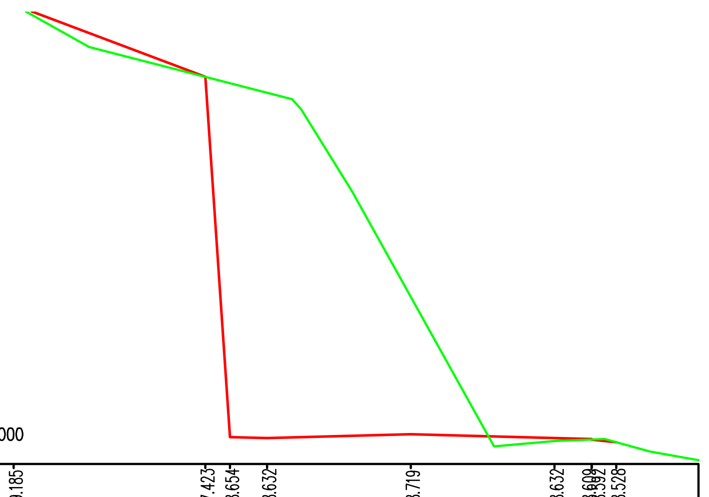
Chainage =41800.000



Level Datum =1046.000

Design Levels	1056.156 1052.029 1047.100 1047.078 1047.165 1047.078 1047.055 1047.230 1046.983
Design Offset	-8.928 -5.000 -4.400 -3.500 0.000 3.500 4.400 4.487 5.000
Design Width	3.928 0.600 0.900 3.500 3.500 0.900 0.087
Exi. Ground Levels	1057.364 1052.680 1049.403 1048.009 1047.605 1047.606 1047.599 1047.602 1047.635 1047.136
Exi. Ground Offset	-10.000 -5.842 -1.602 0.033 0.371 0.654 1.956 2.342 3.800 4.647

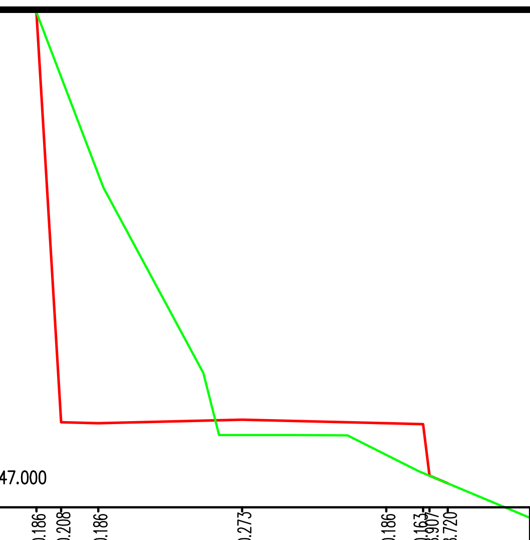
Chainage =41950.000



Level Datum =1048.000

Design Levels	1059.185 1057.423 1048.654 1048.632 1048.719 1048.632 1048.609 1048.592 1048.528
Design Offset	-9.666 -5.000 -4.400 -3.500 0.000 3.500 4.400 4.402 5.000
Design Width	4.666 0.600 0.900 3.500 3.500 0.900 0.002
Exi. Ground Levels	1059.375 1058.147 1056.882 1056.834 1054.625 1048.429 1048.559 1048.604 1048.306 1048.148
Exi. Ground Offset	-10.000 -7.829 -2.886 -2.672 -1.422 2.024 3.518 4.720 5.823 6.690

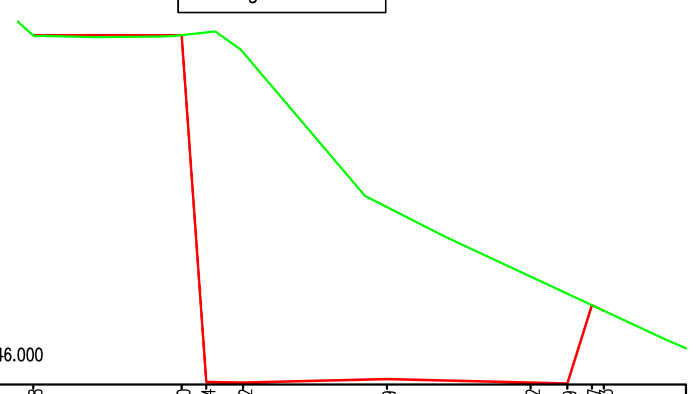
Chainage =42100.000



Level Datum =1047.000

Design Levels	1060.186 1050.208 1050.186 1050.273 1050.186 1050.163 1048.907 1048.720
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.557 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.157
Exi. Ground Levels	1063.952 1063.761 1055.925 1051.408 1049.896 1049.896 1049.895 1049.899 1049.890 1049.018
Exi. Ground Offset	-6.479 -6.364 -3.375 -0.946 -0.561 -0.256 0.871 1.188 2.558 4.293

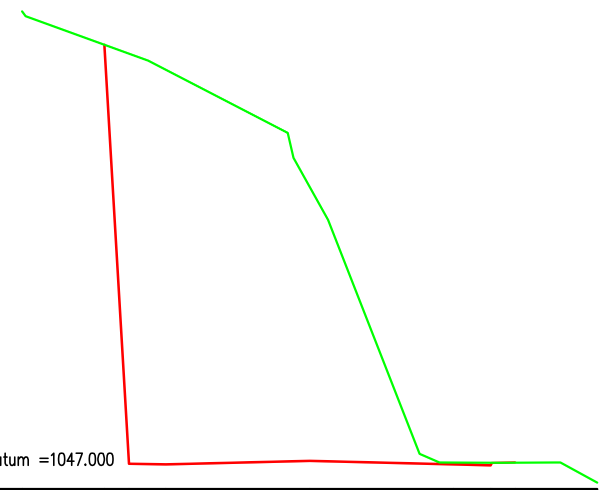
Chainage =42250.000



Level Datum =1046.000

Design Levels	1054.488 1054.490 1046.064 1046.042 1046.129 1046.042 1046.019 1047.927 1047.793
Design Offset	-8.612 -5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.287
Design Width	3.612 0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	1063.398 1062.512 1056.469 1054.809 1054.464 1054.471 1054.442 1054.457 1054.472 1054.583 1054.135 1050.583 1049.606 1047.098
Exi. Ground Offset	-10.000 -9.609 -9.345 -8.976 -8.585 -8.327 -7.090 -5.514 -5.160 -4.176 -3.554 -0.531 1.388 6.782

Chainage =41850.000



Level Datum =1047.000

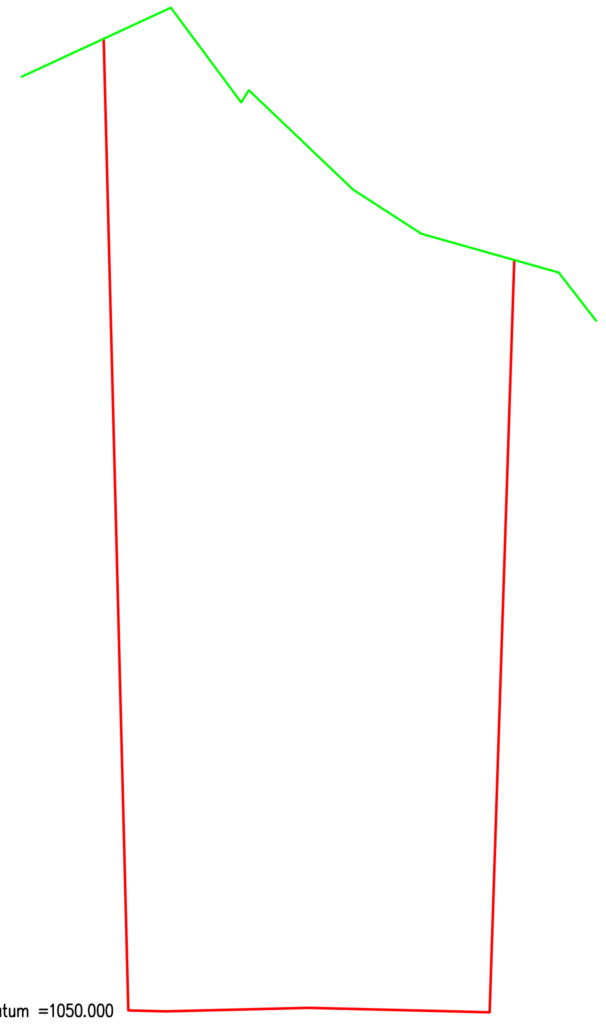
Design Levels	1057.825 1047.618 1047.596 1047.683 1047.596 1047.573 1047.640 1047.642
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.433 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.033
Exi. Ground Levels	1058.517 1057.437 1055.675 1055.067 1053.554 1047.854 1047.643 1047.640 1047.649 1047.649
Exi. Ground Offset	-6.911 -3.929 -0.538 -0.394 0.444 2.674 3.154 4.612 5.959 6.099

Chainage =42000.000

Level Datum =1048.000

Design Levels	1058.190 1057.233 1049.172 1049.150 1049.237 1049.150 1049.127 1049.202 1048.554
Design Offset	-8.909 -5.000 -4.400 -3.500 0.000 3.500 4.400 4.437 5.000
Design Width	3.909 0.600 0.900 3.500 3.500 0.900 0.037
Exi. Ground Levels	1058.411 1058.274 1057.532 1057.524 1056.412 1055.287 1054.796 1052.082 1051.587 1050.816 1050.240 1048.972 1048.172 1048.241
Exi. Ground Offset	-10.000 -9.293 -5.876 -5.710 -2.997 -1.934 -0.669 2.346 2.656 3.180 3.583 4.625 5.342 6.822

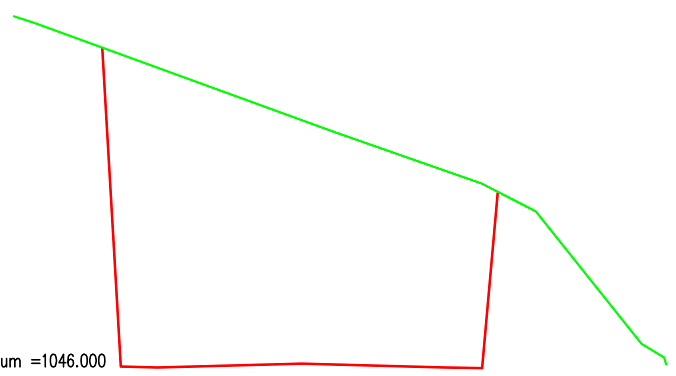
Chainage =42150.000



Level Datum =1050.000

Design Levels	1074.394 1050.726 1050.704 1050.791 1050.704 1050.681 1069.004
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	1075.151 1072.847 1073.138 1070.716 1069.644 1068.696
Exi. Ground Offset	-3.362 -1.651 -1.465 1.074 2.743 6.084

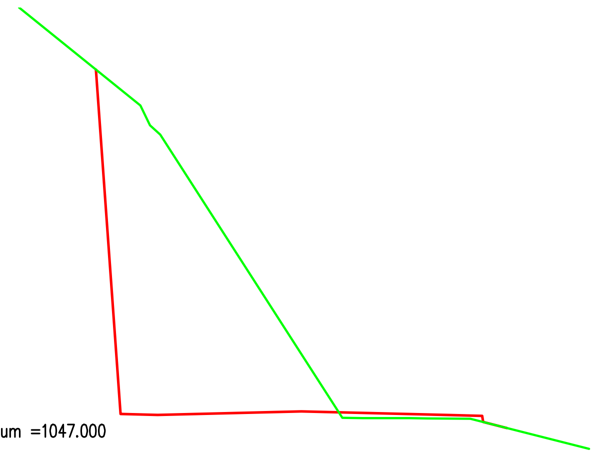
Chainage =42300.000



Level Datum =1046.000

Design Levels	1056.998 1046.582 1046.560 1046.647 1046.560 1046.537 1053.322 1051.493
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 6.878
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.878
Exi. Ground Levels	1057.540 1054.888 1053.636 1052.959 1049.746 1049.406
Exi. Ground Offset	-6.489 0.795 4.388 5.706 8.275 8.825

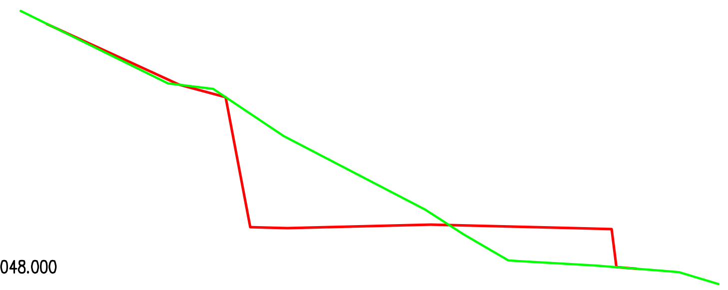
Chainage =41900.000



Level Datum =1047.000

Design Levels	1056.516 1048.136 1048.114 1048.201 1048.114 1048.091 1047.974 1047.794
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 4.419 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.019
Exi. Ground Levels	1055.643 [illegible] 1055.163 1054.959 1048.043 1048.038 1048.032 1048.027 1048.018
Exi. Ground Offset	-3.922 -3.847 -3.697 -3.437 0.995 1.503 2.642 3.069 4.114

Chainage =42050.000



Level Datum =1048.000

Design Levels	1054.646 1053.163 1052.858 1049.690 1049.668 1049.755 1049.668 1049.645 1048.714 1048.675
Design Offset	-9.356 -6.137 -5.000 -4.400 -3.500 -0.000 3.500 4.400 4.516 5.000
Design Width	3.219 1.137 0.600 0.900 3.500 3.500 0.900 0.116
Exi. Ground Levels	1054.963 1053.196 1053.063 1051.908 1050.119 1049.512 1048.881 1048.867 1048.755 1048.613 1048.589
Exi. Ground Offset	-10.000 -6.408 -5.305 -3.584 -0.146 0.798 1.884 2.110 3.992 5.785 6.040

Chainage =42200.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section		
Chainage :-		
Drawing No. :- AIPPL/BRO/DPR/CS/ 36		Sheet : 36 of End
Scale :- NTS		
Drng.	Dgn.by	Appd.by
Date: OCT-2021		

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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PH:0120-2400144

Level Datum =1051.000

Design Levels	1058.342	1056.483	1051.244	1051.222	1051.309	1051.222	1051.199	1054.950	1054.720			
Design Offset	-7.949	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	6.160			
Design Width	2.949	0.600	0.900	3.500	3.500	0.900	0.600	1.160				
Exi. Ground Levels	1058.226	1056.690	1056.092	1055.360	1055.261	1055.184	1055.102	1055.069	1054.893	1054.821	1054.790	1054.639
Exi. Ground Offset	-7.569	-6.537	-2.083	0.443	1.779	2.560	3.697	4.286	5.342	5.706	5.964	6.390

Chainage =42350.000

Level Datum =1051.000

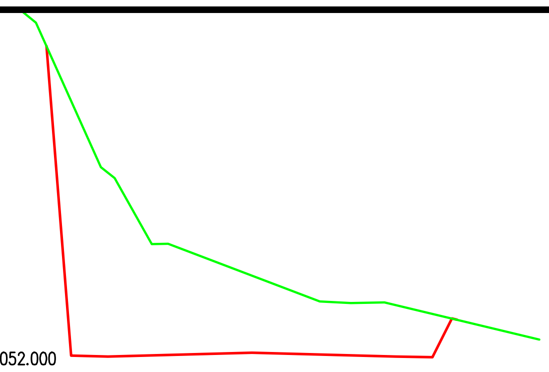
Design Levels	1065.133	1051.762	1051.740	1051.827	1051.740	1051.717	1054.433	1054.211		
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.647		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.647			
Exi. Ground Levels	1066.142	1064.001	1056.932	1056.584	1055.508	1055.146	1055.015	1054.764	1054.678	1054.554
Exi. Ground Offset	-5.413	-4.537	-1.971	-1.275	0.384	1.097	2.614	3.353	4.370	4.646

Chainage =42400.000

Level Datum =1052.000

Design Levels	1061.517	1058.413	1052.280	1052.258	1052.345	1052.258	1052.235	1054.009	1053.983	
Design Offset	-9.018	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.274	
Design Width	4.018	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	1062.279	1058.583	1057.590	1055.557	1055.273	1055.216	1054.165	1054.144	1054.100	1053.936
Exi. Ground Offset	-10.000	-5.236	-3.858	-1.208	-0.853	-0.380	2.435	2.906	4.051	5.766

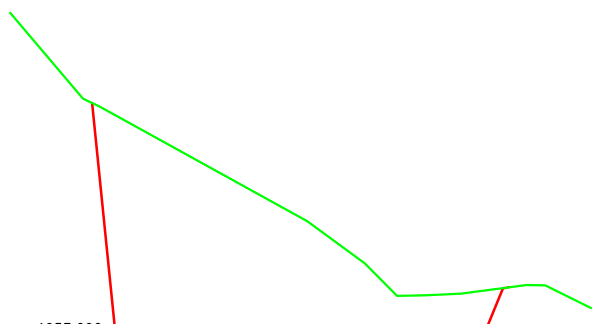
Chainage =42450.000



Level Datum =1052.000

Design Levels	1060.313	1052.798	1052.776	1052.863	1052.776	1052.753	1053.697	1053.686
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.872	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.472		
Exi. Ground Levels	1060.884	1057.372	1057.108	1055.503	1055.515	1054.108	1054.073	1054.092
Exi. Ground Offset	-5.258	-3.670	-3.337	-2.439	-2.034	1.654	2.412	3.227

Chainage =42500.000



Level Datum =1053.000

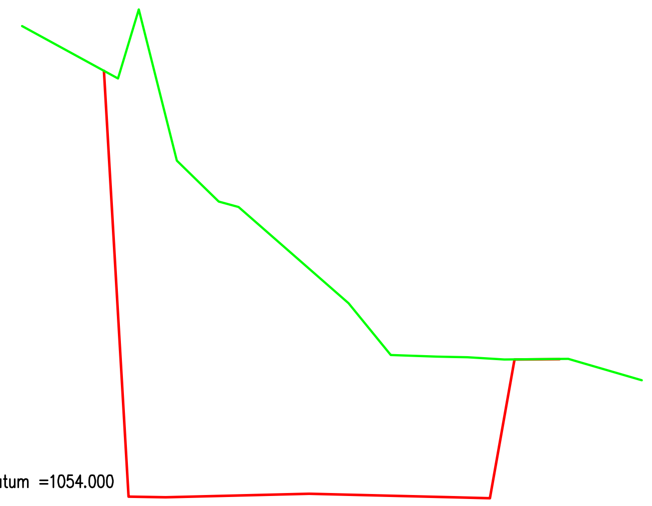
Design Levels	1059.254	1053.316	1053.294	1053.381	1053.294	1053.271	1054.742	1054.762	
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.145	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	1059.368	1059.181	1056.375	1055.348	1054.549	1054.568	1054.606	1054.817	1054.807
Exi. Ground Offset	-5.226	-4.841	0.231	1.632	2.422	3.126	3.967	5.564	6.024

Chainage =42550.000

Level Datum =1053.000

Design Levels	1062.897	1053.834	1053.812	1053.899	1053.812	1053.789	1056.570	1056.588		
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.799		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.799			
Exi. Ground Levels	1063.440	1063.169	1062.894	1062.341	1058.309	1056.737	1056.609	1056.552	1056.555	1056.595
Exi. Ground Offset	-5.928	-5.229	-4.997	-4.470	-0.713	1.458	1.729	4.166	4.284	6.111

Chainage =42600.000



Level Datum =1054.000

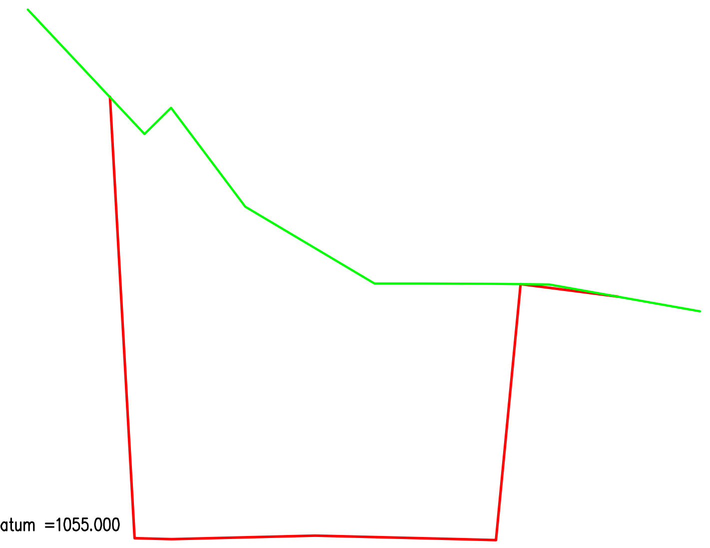
Design Levels	1064.726	1054.353	1054.330	1054.418	1054.330	1054.308	1057.693	1057.701				
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	6.097				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	1.097					
Exi. Ground Levels	1064.539	1066.220	1062.536	1061.536	1061.405	1059.059	1057.796	1057.758	1057.751	1057.742	1057.691	1057.702
Exi. Ground Offset	-4.658	-4.151	-3.228	-2.208	-1.724	0.954	1.984	3.101	3.457	3.851	4.751	6.307

Chainage =42650.000

Level Datum =1054.000

Design Levels	1067.544	1054.871	1054.848	1054.936	1054.848	1054.826	1060.183	1059.622				
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	6.798				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	1.798					
Exi. Ground Levels	1069.489	1069.017	1069.025	1067.470	1064.642	1063.935	1061.942	1060.400	1060.298	1060.264	1060.189	1060.184
Exi. Ground Offset	-6.427	-6.011	-5.618	-4.969	-3.800	-2.960	-0.590	0.934	2.405	3.041	4.266	4.996

Chainage =42700.000



Level Datum =1055.000

Design Levels	1066.127	1055.389	1055.366	1055.454	1055.366	1055.344	1061.575	1061.271
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	7.364
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.364	
Exi. Ground Levels	1065.229	1065.863	1063.457	1061.589	1061.586	1061.580	1061.569	
Exi. Ground Offset	-4.159	-3.514	-1.705	1.436	2.606	4.304	5.692	

Chainage =42750.000

Level Datum =1055.000

Design Levels	1068.898	1055.907	1055.884	1055.972	1055.884	1055.862	1060.382	1060.280				
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	6.609				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	1.609					
Exi. Ground Levels	1068.092	1068.071	1067.372	1062.823	1063.878	1061.222	1060.447	1060.547	1060.351	1060.360	1060.439	1060.256
Exi. Ground Offset	-3.723	-3.387	-2.917	-0.798	-0.577	2.185	2.473	3.974	4.377	4.591	6.018	6.699

Chainage =42800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 37			Sheet : 37 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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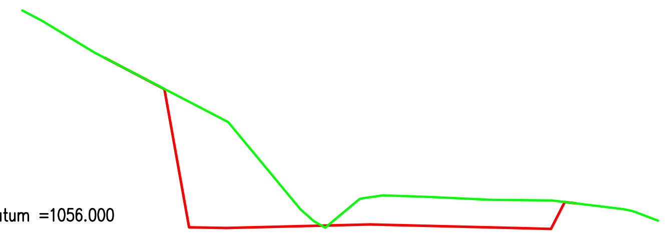
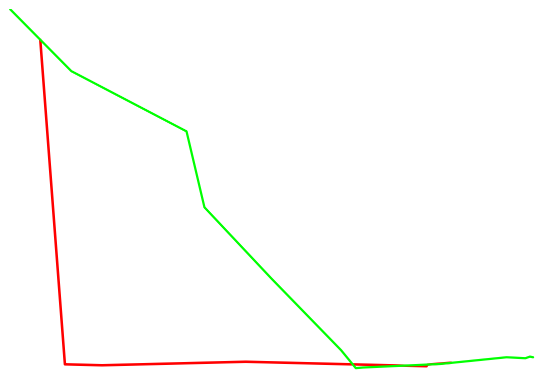
PH:0120-2400144



Level Datum =1056.000

Row	Values
Design Levels	1060.546, 1059.787, 1056.425, 1056.402, 1056.490, 1056.402, 1056.380, 1057.037, 1057.005
Design Offset	-6.461, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.729, 5.000
Design Width	1.461, 0.600, 0.900, 3.500, 3.500, 0.900, 0.329
Exi. Ground Levels	1061.456, 1060.671, 1058.984, 1056.856, 1056.571, 1056.416, 1057.093, 1057.132, 1057.201, 1057.162, 1057.093, 1057.074, 1056.868, 1056.797
Exi. Ground Offset	-7.987, -6.701, -3.455, -1.693, -1.367, -1.090, -0.286, -0.171, 0.313, 1.441, 2.938, 4.418, 6.148, 6.443

Chainage =42850.000



Level Datum =1057.000

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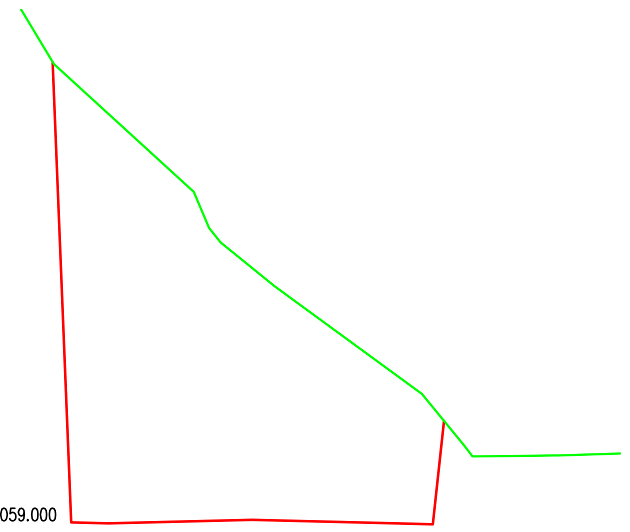
Design Levels	1067.833, 1065.875, 1057.979, 1057.956, 1058.044, 1057.956, 1057.934, 1057.977, 1058.017
Design Offset	-9.327, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.421, 5.000
Design Width	4.327, 0.600, 0.900, 3.500, 3.500, 0.900, 0.021
Exi. Ground Levels	1068.111, 1066.867, 1067.598, 1065.108, 1063.642, 1061.797, 1060.067, 1058.327, 1057.952, 1057.903, 1057.991, 1058.150, 1058.132
Exi. Ground Offset	-10.000, -6.990, -6.697, -4.245, -1.439, -1.005, 0.625, 2.326, 2.581, 2.853, 4.731, 6.352, 6.809

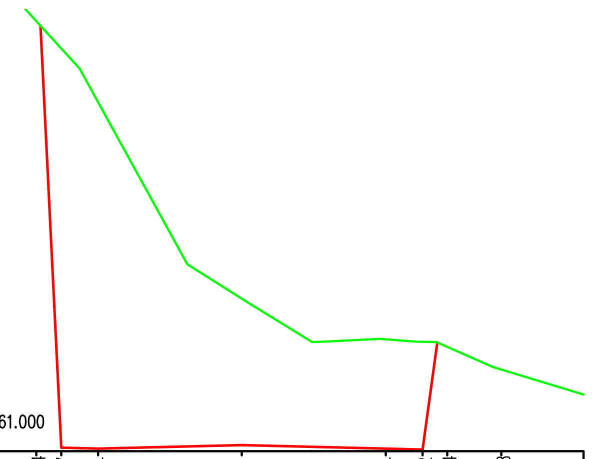
Chainage =43000.000



Level Datum =1059.000

Row	Values
Design Levels	1074.414, 1059.533, 1059.510, 1059.598, 1059.510, 1059.488, 1065.041, 1064.593
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.953
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.953
Exi. Ground Levels	1074.114, 1071.007, 1070.133, 1069.776, 1068.711, 1066.095, 1064.839, 1064.578, 1064.592, 1064.596, 1064.599
Exi. Ground Offset	-4.820, -1.422, -1.049, -0.767, 0.552, 4.138, 5.165, 5.368, 6.870, 7.333, 7.462

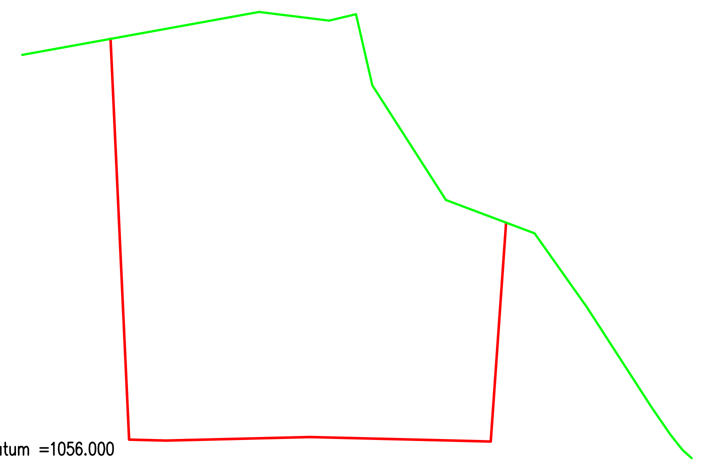
Chainage =43150.000



Level Datum =1061.000

Row	Values
Design Levels	1073.364, 1061.087, 1061.064, 1061.152, 1061.064, 1061.042, 1065.434, 1064.878
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.318
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.318
Exi. Ground Levels	1072.211, 1067.447, 1066.547, 1065.555, 1065.569, 1065.632, 1065.558, 1065.553, 1064.942
Exi. Ground Offset	-3.956, -1.330, 0.091, 1.712, 2.112, 3.351, 4.271, 4.733, 6.109

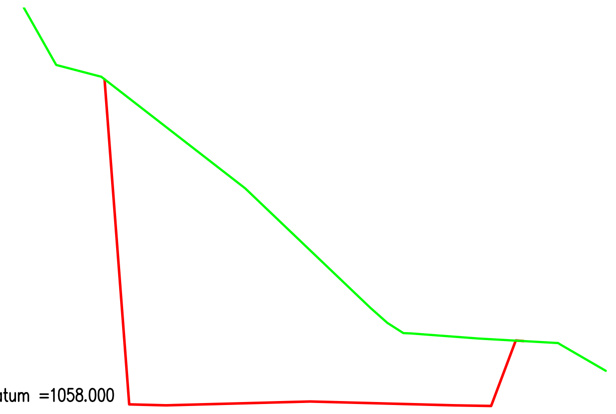
Chainage =43300.000



Level Datum =1056.000

Row	Values
Design Levels	1070.026, 1056.943, 1056.920, 1057.008, 1056.920, 1056.898, 1065.498, 1062.680
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 7.291
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.291
Exi. Ground Levels	1070.708, 1070.499, 1070.653, 1068.925, 1066.139, 1065.322, 1063.537, 1061.103, 1060.433, 1060.055
Exi. Ground Offset	-1.237, 0.467, 1.118, 1.518, 3.310, 5.464, 6.738, 8.309, 8.771, 9.068

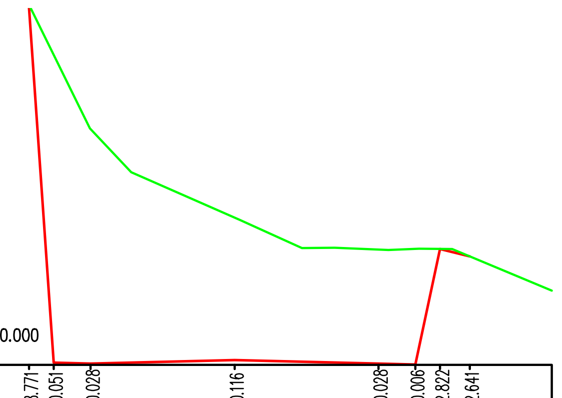
Chainage =42900.000



Level Datum =1058.000

Row	Values
Design Levels	1066.417, 1058.497, 1058.474, 1058.562, 1058.474, 1058.452, 1060.049, 1060.038
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.193
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1066.762, 1066.477, 1063.760, 1060.850, 1060.480, 1060.331, 1060.225, 1060.100, 1059.991, 1059.958
Exi. Ground Offset	-6.174, -5.078, -1.576, 1.456, 1.880, 2.266, 2.458, 4.096, 6.015, 6.079

Chainage =43050.000



Level Datum =1060.000

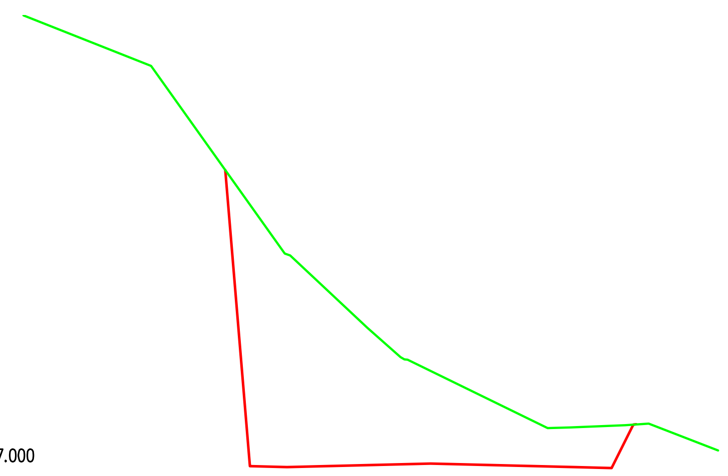
Row	Values
Design Levels	1068.771, 1060.051, 1060.028, 1060.116, 1060.028, 1060.006, 1062.822, 1062.641
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.718
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.718
Exi. Ground Levels	1071.378, 1071.273, 1069.341, 1065.752, 1064.684, 1063.529, 1062.839, 1062.847, 1062.797, 1062.826, 1062.820
Exi. Ground Offset	-5.944, -5.854, -5.280, -3.515, -2.514, 0.127, 1.640, 2.431, 3.739, 4.493, 5.289

Chainage =43200.000

Level Datum =1061.000

Row	Values
Design Levels	1080.081, 1061.605, 1061.582, 1061.670, 1061.582, 1061.560, 1070.682, 1069.180
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 8.210
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.210
Exi. Ground Levels	1079.824, 1078.205, 1075.973, 1073.648, 1073.619, 1071.060, 1071.074, 1071.083, 1071.103, 1071.088, 1069.421, 1068.335
Exi. Ground Offset	-4.606, -3.958, -3.659, -2.150, -2.129, 0.478, 1.134, 2.292, 3.100, 4.130, 7.701, 10.000

Chainage =43350.000



Level Datum =1057.000

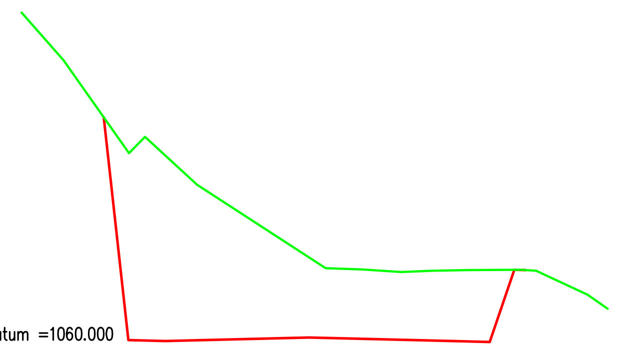
Row	Values
Design Levels	1068.440, 1064.673, 1057.461, 1057.438, 1057.526, 1057.438, 1057.416, 1058.475, 1058.480
Design Offset	-9.890, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.930, 5.000
Design Width	4.890, 0.600, 0.900, 3.500, 3.500, 0.900, 0.530
Exi. Ground Levels	1068.484, 1067.215, 1062.639, 1062.594, 1060.833, 1060.119, 1060.057, 1058.387, 1058.405, 1058.461, 1058.502
Exi. Ground Offset	-10.000, -6.806, -3.555, -3.425, -1.543, -0.737, -0.568, 2.848, 3.392, 4.729, 5.310

Chainage =42950.000

Level Datum =1058.000

Row	Values
Design Levels	1081.036, 1059.015, 1058.992, 1059.080, 1058.992, 1058.970, 1070.293, 1064.488
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.159
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.159
Exi. Ground Levels	1075.274, 1070.573, 1065.810, 1067.203, 1064.469, 1064.288, 1064.288
Exi. Ground Offset	2.656, 4.944, 5.901, 6.195, 7.166, 8.003, 8.334

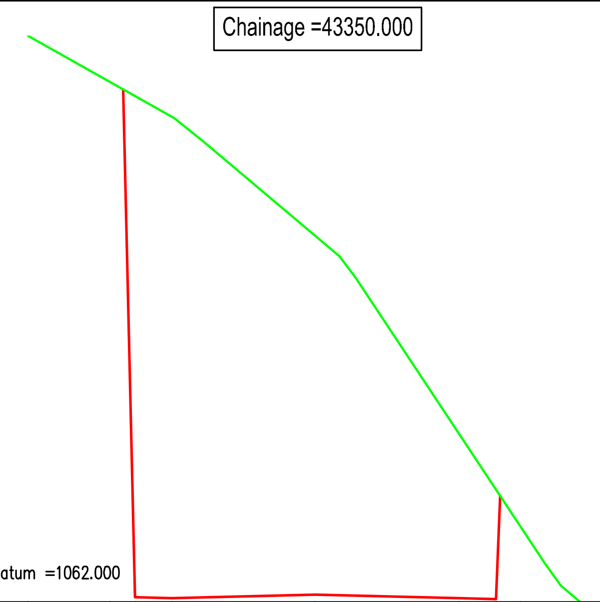
Chainage =43100.000



Level Datum =1060.000

Row	Values
Design Levels	1066.004, 1060.569, 1060.546, 1060.634, 1060.546, 1060.524, 1062.282, 1062.275
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.276
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1067.397, 1065.125, 1065.526, 1064.357, 1062.325, 1062.294, 1062.229, 1062.260, 1062.277, 1062.283, 1062.258, 1061.677
Exi. Ground Offset	-5.978, -4.382, -3.992, -2.723, 0.410, 1.295, 2.242, 3.020, 3.862, 5.153, 5.531, 6.786

Chainage =43250.000



Level Datum =1062.000

Row	Values
Design Levels	1088.349, 1062.123, 1062.100, 1062.188, 1062.100, 1062.078, 1077.519
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1087.471, 1086.903, 1084.191, 1084.119, 1083.576, 1076.646, 1076.091
Exi. Ground Offset	-3.442, -2.728, 0.490, 0.583, 0.988, 5.578, 5.977

Chainage =43400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section	
Chainage :-		
Drawing No. :-	AIPPL/BRO/DPR/CS/ 38	Sheet : 38 of End
Scale :-	NTS	
Drng.	Dgn.by	Appd.by
		Date: OCT-2021

CONSULTANT:

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PH:0120-2400144

Level Datum =1062.000

Design Levels	1096.406	1062.641	1062.618	1062.706	1062.618	1062.596	1075.635		
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	1096.083	1089.547	1087.189	1084.658	1077.135	1075.636	1075.609	1075.613	1075.637
Exi. Ground Offset	-4.770	-2.165	-1.434	-0.933	0.714	1.632	3.289	3.597	5.128

Chainage =43450.000

Level Datum =1063.000

Design Levels	1087.790	1063.380	1063.358	1063.445	1063.358	1063.335	1072.067	1071.125					
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	8.295					
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.295						
Exi. Ground Levels	1086.749	1084.938	1085.275	1075.638	1073.664	1072.062	[illegible]	1072.067	1072.064	1072.094	1072.086	1070.472	1069.989
Exi. Ground Offset	-4.184	-0.781	-0.239	1.356	1.786	4.551	[illegible]	[illegible]	4.972	5.534	6.970	7.049	9.144	10.000

Chainage =43550.000

Level Datum =1063.000

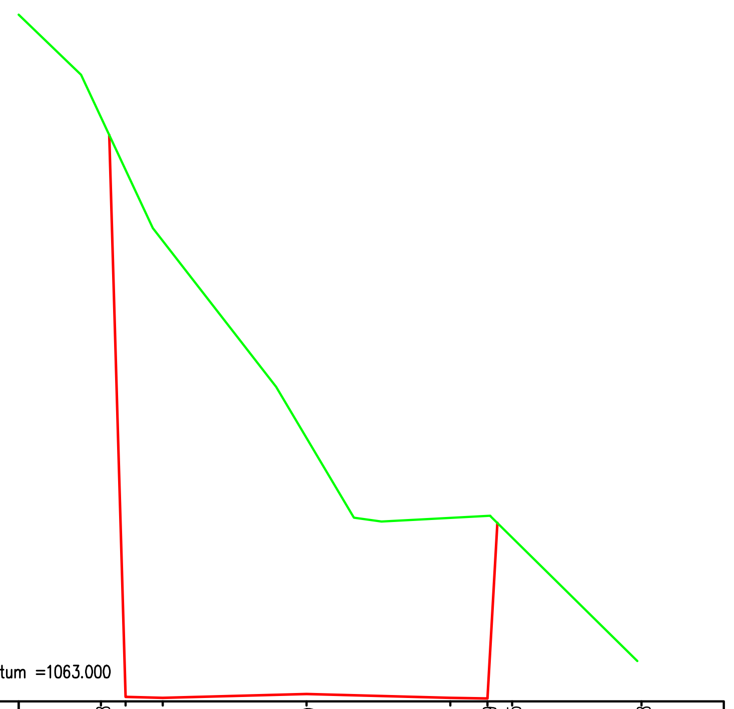
Design Levels	1081.460	1063.247	1063.224	1063.312	1063.224	1063.202	1072.262	1070.911			
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	8.255			
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.255				
Exi. Ground Levels	1083.597	1082.090	1076.437	1073.984	1072.256	1072.241	1072.245	1072.276	1072.286	1070.052	1069.831
Exi. Ground Offset	-6.319	-5.677	0.392	1.454	2.743	3.752	4.531	5.382	6.102	9.599	10.000

Chainage =43650.000

Level Datum =1062.000

Design Levels	1078.610	1062.270	1062.248	1062.335	1062.248	1062.225	1072.884	1071.348		
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	8.961		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.961			
Exi. Ground Levels	1074.785	1074.518	1075.214	1073.713	1073.035	1073.642	1073.513	1072.850	1072.524	1070.912
Exi. Ground Offset	-0.696	-0.404	-0.107	0.616	1.798	2.868	4.644	5.019	6.163	10.000

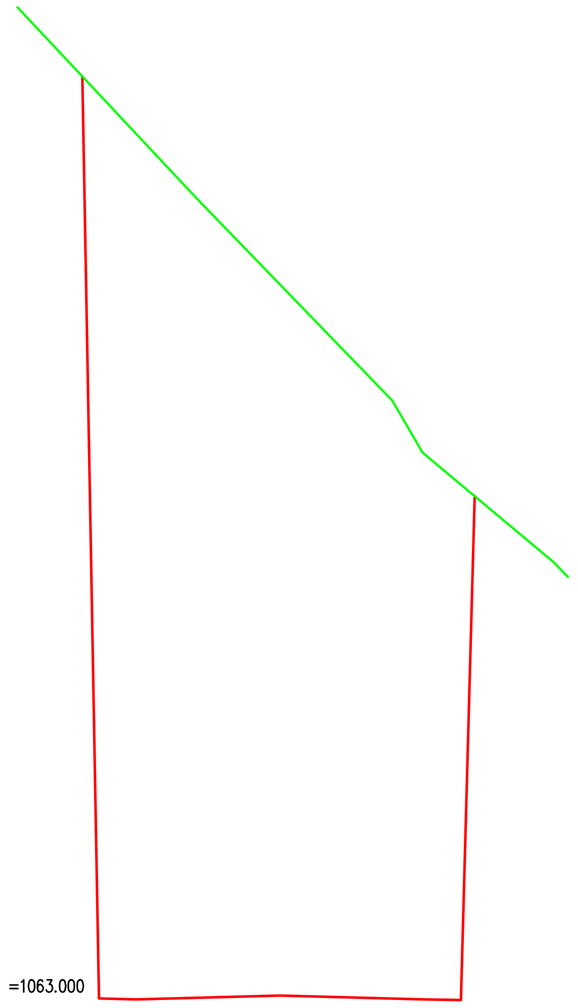
Chainage =43750.000



Level Datum =1063.000

Design Levels	1083.908	1063.114	1063.091	1063.179	1063.091	1063.069	1073.675	1070.568		
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	8.150		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.150			
Exi. Ground Levels	1084.939	1081.202	1077.341	1074.154	1074.063	1074.115	1074.196	1074.194	1070.184	1068.574
Exi. Ground Offset	-5.482	-3.736	-0.736	1.150	1.825	2.861	4.458	4.475	8.539	10.000

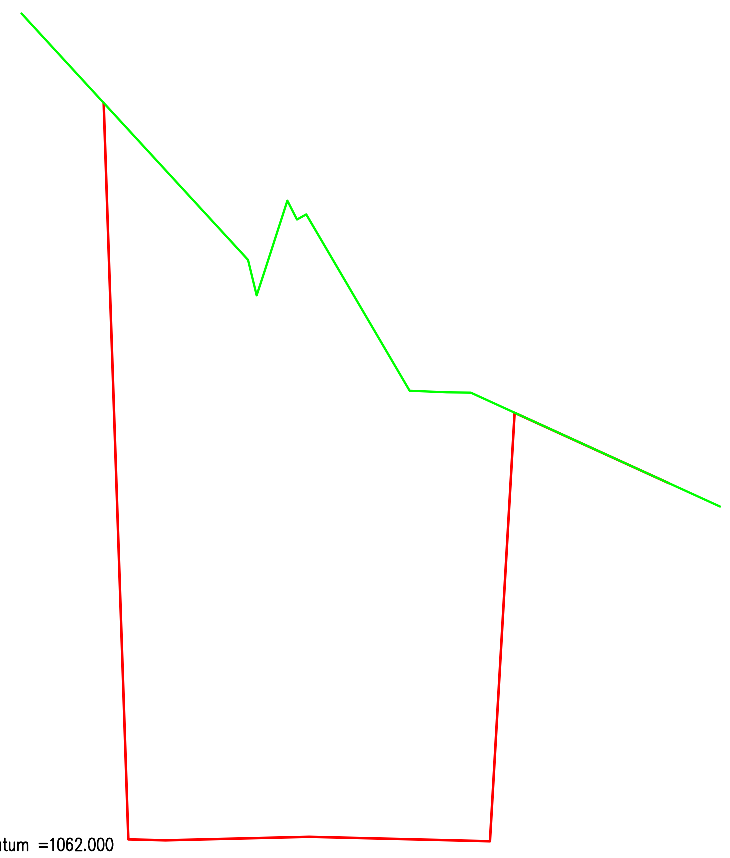
Chainage =43500.000



Level Datum =1063.000

Design Levels	1096.257	1063.424	1063.402	1063.489	1063.402	1063.379	1085.612
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Exi. Ground Levels	1097.961	1093.048	1088.153	1086.896	1086.613	1084.215	
Exi. Ground Offset	-6.597	-1.993	2.732	3.465	3.803	6.669	

Chainage =43600.000



Level Datum =1062.000

Design Levels	1080.778	1062.847	1062.824	1062.912	1062.824	1062.802	1073.233	1071.519		
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	8.759		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	3.759			
Exi. Ground Levels	1076.952	1076.707	1078.396	[illegible]	[illegible]	1078.064	1073.767	1073.727	1073.720	1070.953
Exi. Ground Offset	-1.485	-1.078	-0.531	[illegible]	[illegible]	-0.067	2.448	3.350	3.934	10.000

Chainage =43700.000

Level Datum =1061.000

Design Levels	1078.970	1061.679	1061.656	1061.744	1061.656	1061.634	1071.013	1068.696
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	7.931
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.931	
Exi. Ground Levels	1079.114	1078.469	1076.254	1074.242	1070.962	1071.011	1071.015	
Exi. Ground Offset	-5.492	-3.282	0.610	1.329	2.546	4.819	5.146	

Chainage =43800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 39
Scale :-	NTS
Sheet :	39 of End
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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R.n. 73, Kapil Muni House, Sector - 62
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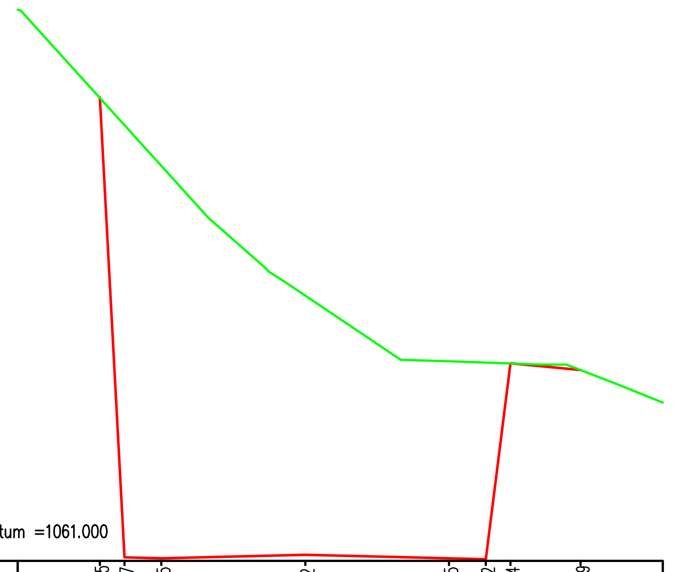


Level Datum =1061.000

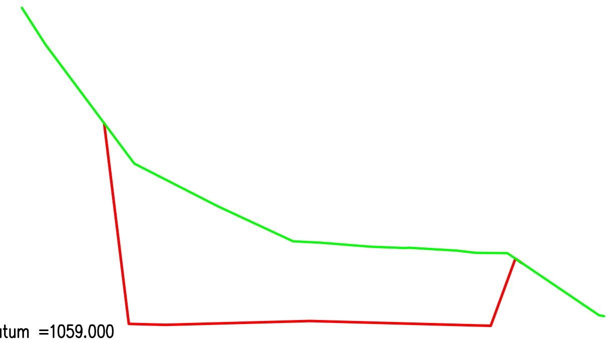
Design Levels	1072.285, 1061.087, 1061.065, 1061.152, 1061.065, 1061.042, 1065.814, 1065.649
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.703
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.703
Exi. Ground Levels	1074.417, 1069.358, 1068.168, 1068.044, 1067.760, 1065.900, 1065.865, 1065.835, 1065.786, 1065.783, 1065.301
Exi. Ground Offset	-6.927, -2.354, -1.000, -0.878, -0.439, 2.328, 3.560, 4.446, 5.732, 6.358, 7.602

Chainage =43850.000

Level Datum =1060.000

Design Levels	1078.558, 1060.496, 1060.473, 1060.561, 1060.473, 1060.451, 1063.157, 1063.156
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.752
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.752
Exi. Ground Levels	1078.291, 1078.236, 1063.311, 1063.111, 1063.165, 1063.143, 1063.189
Exi. Ground Offset	-4.364, -2.932, 3.644, 3.750, 5.219, 5.318, 6.859

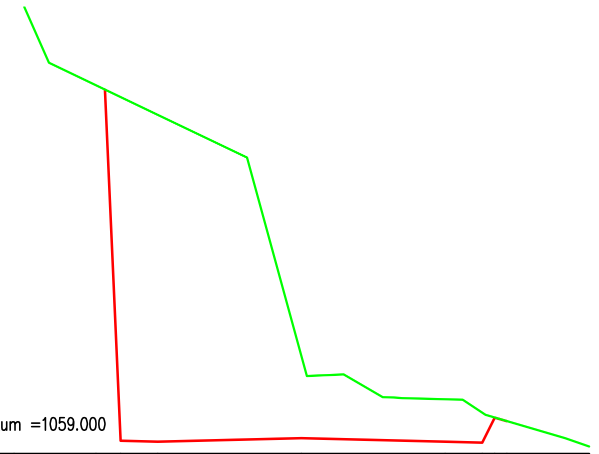
Chainage =43900.000



Level Datum =1059.000

Design Levels	1064.787, 1059.905, 1059.882, 1059.970, 1059.882, 1059.860, 1061.493, 1061.383
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.162
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1066.709, 1063.806, 1062.768, 1061.914, 1061.878, 1061.781, 1061.751, 1061.754, 1061.683, 1061.635, 1061.625, 1060.115
Exi. Ground Offset	-6.432, -4.269, -2.241, -0.405, 0.232, 1.504, 2.322, 2.410, 3.578, 4.045, 4.805, 7.033

Chainage =43950.000



Level Datum =1059.000

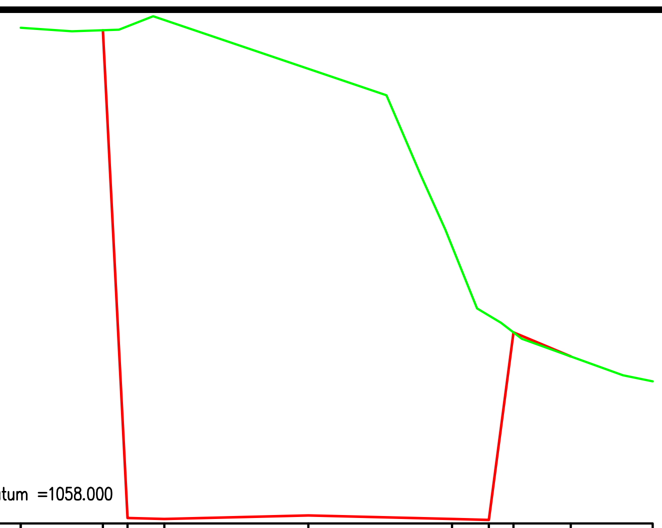
Design Levels	1072.656, 1059.313, 1059.291, 1059.378, 1059.291, 1059.268, 1059.878, 1059.792
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.705, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.305
Exi. Ground Levels	1069.882, 1067.375, 1066.204, 1060.889, 1060.925, 1060.372, 1060.354, 1060.310, 1059.943, 1059.381
Exi. Ground Offset	-2.113, -1.449, -1.325, 0.135, 1.031, 1.978, 2.455, 3.921, 4.480, 6.419

Chainage =44000.000

Level Datum =1058.000

Design Levels	1071.837, 1058.722, 1058.699, 1058.787, 1058.699, 1058.677, 1062.691, 1062.461
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.292
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.292
Exi. Ground Levels	1072.651, 1066.243, 1065.978, 1063.041, 1063.242, 1062.739, 1062.741, 1062.774
Exi. Ground Offset	-5.625, -0.702, 0.326, 2.402, 2.584, 3.017, 3.294, 4.533

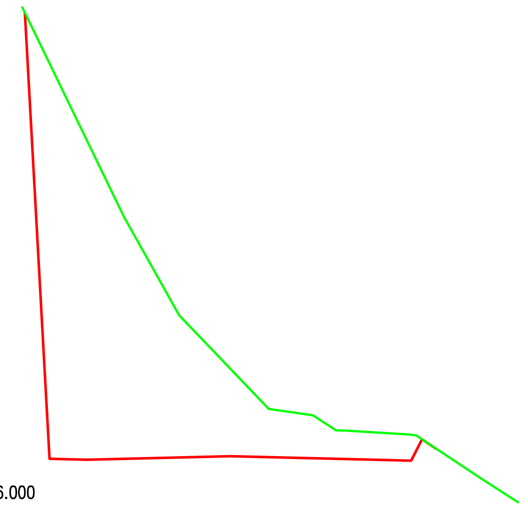
Chainage =44050.000



Level Datum =1058.000

Design Levels	1070.007, 1058.130, 1058.108, 1058.195, 1058.108, 1058.085, 1062.648, 1062.064
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.389
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.389
Exi. Ground Levels	1069.985, 1070.018, 1070.350, 1068.426, 1066.499, 1065.154, 1063.233, 1062.888, 1062.495, 1061.605
Exi. Ground Offset	-5.758, -4.607, -3.776, 1.902, 2.729, 3.341, 4.108, 4.692, 5.198, 7.662

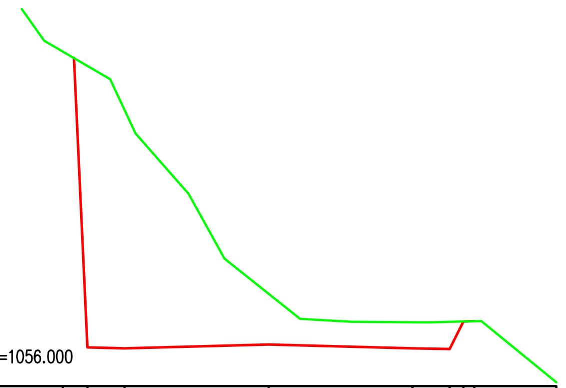
Chainage =44100.000



Level Datum =1056.000

Design Levels	1068.403, 1057.539, 1057.516, 1057.604, 1057.516, 1057.494, 1058.019, 1057.793
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.663, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.263
Exi. Ground Levels	1070.341, 1063.435, 1061.041, 1058.758, 1058.598, 1058.233, 1058.227, 1058.131, 1058.113, 1057.040
Exi. Ground Offset	-5.942, -2.586, -1.249, 0.927, 2.006, 2.568, 2.814, 4.349, 4.523, 6.123

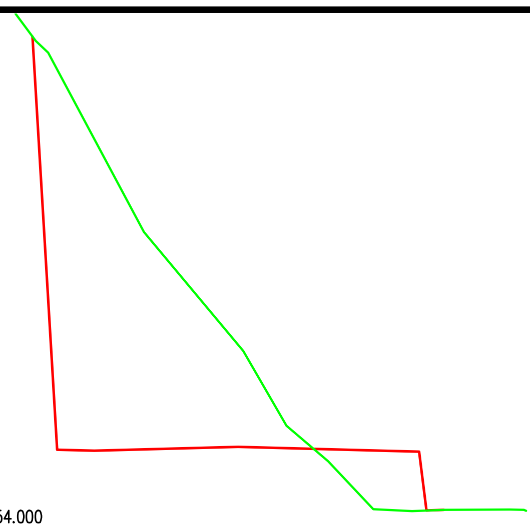
Chainage =44150.000



Level Datum =1056.000

Design Levels	1069.582, 1056.947, 1056.925, 1057.012, 1056.925, 1056.902, 1057.574, 1057.582
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.736, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.336
Exi. Ground Levels	1069.208, 1062.338, 1060.677, 1059.107, 1057.640, 1057.570, 1057.563, 1057.553, 1057.574, 1057.588
Exi. Ground Offset	-3.652, -2.227, -1.942, -1.071, 0.769, 2.023, 2.969, 3.868, 4.745, 5.173

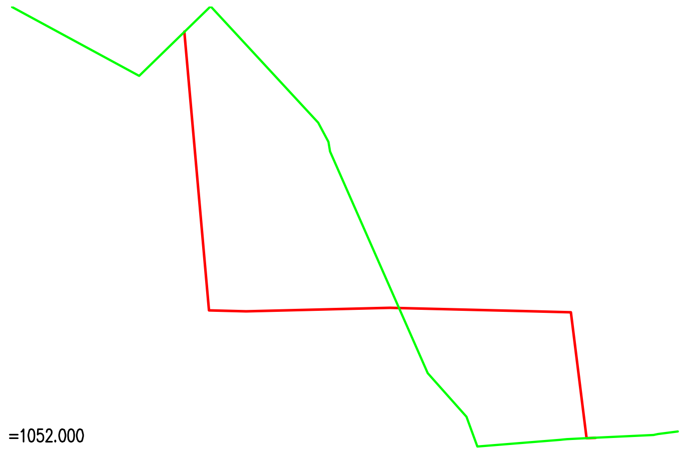
Chainage =44200.000



Level Datum =1054.000

Design Levels	1066.415, 1056.356, 1056.333, 1056.421, 1056.333, 1056.311, 1054.871, 1054.890
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.580, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.180
Exi. Ground Levels	1067.783, 1066.315, 1066.022, 1061.654, 1058.760, 1056.935, 1056.077, 1054.905, 1054.856, 1054.891, 1054.901, 1054.889
Exi. Ground Offset	-6.000, -4.927, -4.623, -2.293, 0.122, 1.178, 2.190, 3.283, 4.227, 5.031, 6.606, 6.951

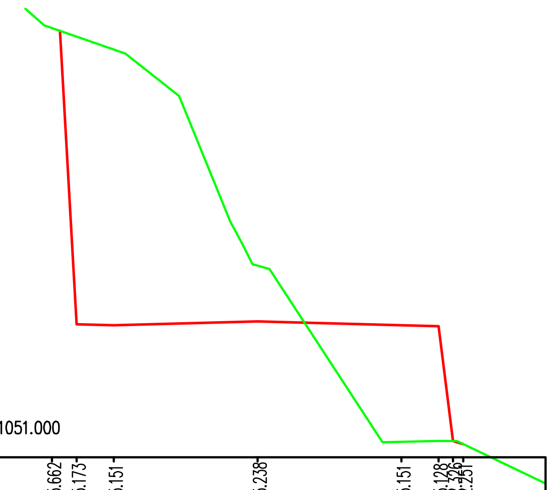
Chainage =44250.000



Level Datum =1052.000

Design Levels	1062.326, 1062.542, 1055.764, 1055.742, 1055.829, 1055.742, 1055.719, 1052.657, 1052.668
Design Offset	-7.681, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.783, 5.000
Design Width	2.681, 0.600, 0.900, 3.500, 3.500, 0.900, 0.383
Exi. Ground Levels	1061.469, 1063.164, 1060.332, 1059.834, 1054.237, 1053.179, 1052.452, 1052.622, 1052.632, 1052.672, 1052.739, 1052.758
Exi. Ground Offset	-6.102, -4.361, -1.748, -1.455, 0.915, 1.863, 2.128, 4.149, 4.306, 5.074, 6.412, 6.520

Chainage =44300.000



Level Datum =1051.000

Design Levels	1065.662, 1055.173, 1055.151, 1055.238, 1055.151, 1055.128, 1052.326, 1052.251
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.750, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.350
Exi. Ground Levels	1062.720, 1057.686, 1056.619, 1056.657, 1056.520, 1052.298, 1052.327, 1052.326
Exi. Ground Offset	-2.715, -0.669, -0.364, -0.128, 0.288, 3.035, 4.358, 4.844

Chainage =44350.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 40
Sheet :	40 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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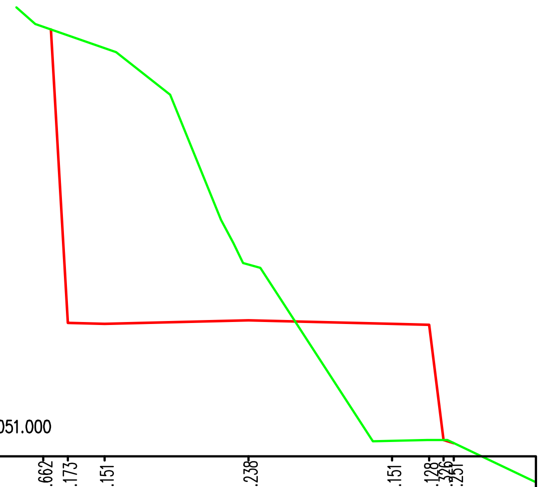

Level Datum =1051.000

Design Levels	1065.662, 1055.173, 1055.151, 1055.238, 1055.151, 1055.128, 1053.126, 1052.251
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.750, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.350
Exi. Ground Levels	1062.720, 1057.686, 1057.105, 1056.637, 1056.520, 1052.298, 1052.327, 1052.326
Exi. Ground Offset	-2.715, -0.669, -0.364, -0.128, 0.288, 3.035, 4.358, 4.844

Chainage =44350.000

Level Datum =1051.000

Design Levels	1071.995, 1053.990, 1053.968, 1054.055, 1053.968, 1053.945, 1054.382, 1054.314
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.619, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.219
Exi. Ground Levels	1072.171, 1070.636, 1070.220, 1059.557, 1058.595, 1062.254, 1055.567, 1054.782, 1054.745, 1054.385, 1054.382, 1054.383, 1052.057
Exi. Ground Offset	-5.219, -3.305, -2.848, -1.142, -0.956, -0.332, 0.934, 1.158, 2.560, 2.984, 3.412, 4.946, 6.772

Chainage =44450.000

Level Datum =1052.000

Design Levels	1063.763, 1052.216, 1052.193, 1052.281, 1052.193, 1052.171, 1053.568, 1053.521
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.075
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1058.683, 1058.585, 1055.624, 1055.617, 1054.344, 1054.298, 1054.261, 1054.219, 1054.193, 1052.753
Exi. Ground Offset	-2.846, -2.730, -1.914, -1.912, 0.800, 1.748, 2.556, 3.386, 4.018, 6.282

Chainage =44600.000

Level Datum =1049.000

Design Levels	1058.715, 1056.311, 1051.033, 1051.011, 1051.098, 1051.011, 1050.988, 1050.247, 1050.168
Design Offset	-8.241, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.493, 5.000
Design Width	3.241, 0.600, 0.900, 3.500, 3.500, 0.900, 0.093
Exi. Ground Levels	1060.135, 1057.659, 1056.878, 1055.350, 1054.696, 1053.525, 1052.350, 1050.307, 1050.195, 1050.224, 1050.224, 1050.251, 1050.234, 1049.962
Exi. Ground Offset	-10.000, -6.932, -5.617, -3.954, -3.141, -2.407, -0.388, 1.433, 1.501, 3.284, 3.298, 4.707, 4.839, 5.382

Chainage =44700.000

Level Datum =1053.000

Design Levels	1068.031, 1054.582, 1054.559, 1054.647, 1054.559, 1054.537, 1053.540, 1053.533
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.525, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.125
Exi. Ground Levels	1061.660, 1061.032, 1056.947, 1055.126, 1054.769, 1053.540, 1053.543, 1053.532, 1053.512, 1053.499
Exi. Ground Offset	-0.903, 0.037, 0.825, 1.110, 1.576, 3.415, 4.308, 5.096, 5.835, 6.746

Chainage =44400.000

Level Datum =1051.000

Design Levels	1073.270, 1053.399, 1053.376, 1053.464, 1053.376, 1053.354, 1054.043, 1053.536
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.745, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.345
Exi. Ground Levels	1081.499, 1073.334, 1072.369, 1071.602, 1070.603, 1059.133, 1056.337, 1056.798, 1056.400, 1055.930, 1054.571, 1053.067
Exi. Ground Offset	-6.383, -5.081, -3.849, -2.450, -1.979, -1.008, -0.087, -0.035, 1.936, 3.167, 4.478, 5.237

Chainage =44500.000

Level Datum =1050.000

Design Levels	1061.010, 1051.624, 1051.602, 1051.689, 1051.602, 1051.579, 1051.330, 1051.292
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.431, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.031
Exi. Ground Levels	1060.654, 1054.372, 1053.885, 1052.829, 1052.302, 1052.256, 1051.324, 1051.335, 1051.257, 1051.164
Exi. Ground Offset	-4.521, -0.786, -0.496, -0.172, 1.040, 1.897, 3.824, 4.361, 5.508, 5.919

Chainage =44650.000

Level Datum =1049.000

Design Levels	1060.825, 1055.673, 1050.442, 1050.419, 1050.507, 1050.419, 1050.397, 1050.731, 1050.679
Design Offset	-9.592, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.567, 5.000
Design Width	4.592, 0.600, 0.900, 3.500, 3.500, 0.900, 0.167
Exi. Ground Levels	1061.122, 1058.448, 1053.955, 1052.854, 1053.524, 1052.454, 1051.124, 1050.955, 1050.919, 1050.871, 1050.666, 1050.364
Exi. Ground Offset	-10.000, -6.330, -4.177, -3.943, -3.060, -0.445, 1.239, 2.748, 3.024, 3.389, 5.107, 5.670

Chainage =44750.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section			
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 41			Sheet : 41 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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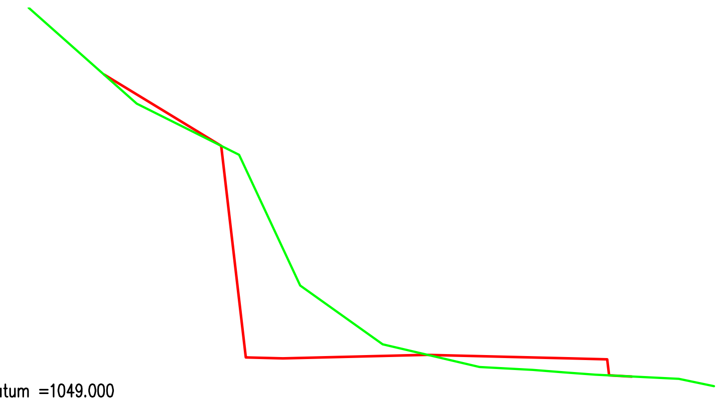
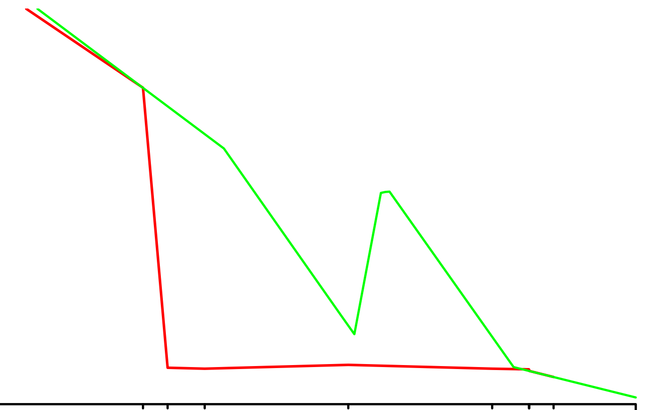


Level Datum =1049.000

Design Levels	1057.424	1055.685	1050.528	1050.506	1050.593	1050.506	1050.483	1050.093	1050.065	
Design Offset	-7.848	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.449	5.000	
Design Width	2.848	0.600	0.900	3.500	3.500	0.900	0.049			
Exi. Ground Levels	1056.718	1055.467	1052.286	1050.850	1050.295	1050.230	1050.166	1050.110	1050.007	
Exi. Ground Offset	-7.052	-4.567	-3.074	-1.070	1.296	2.588	3.373	4.111	6.150	

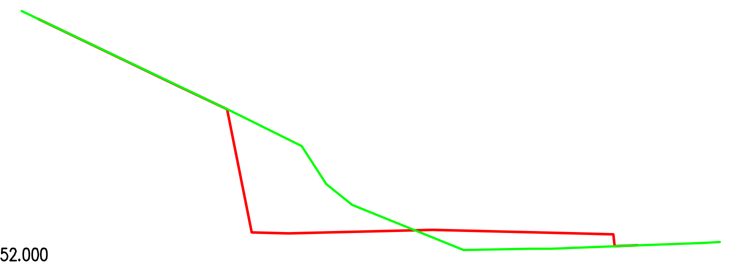
Chainage =44800.000



Level Datum =1051.000

Design Levels	1061.590	1058.712	1051.894	1051.871	1051.959	1051.871	1051.849	1051.814	1051.666
Design Offset	-9.248	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.404	5.000
Design Width	4.248	0.600	0.900	3.500	3.500	0.900	0.004		
Exi. Ground Levels	1061.843	1061.316	1060.953	1057.232	1053.134	1052.708	1056.153	1056.183	1051.909
Exi. Ground Offset	-10.000	-8.433	-7.984	-3.029	-0.162	0.147	0.795	1.002	4.024

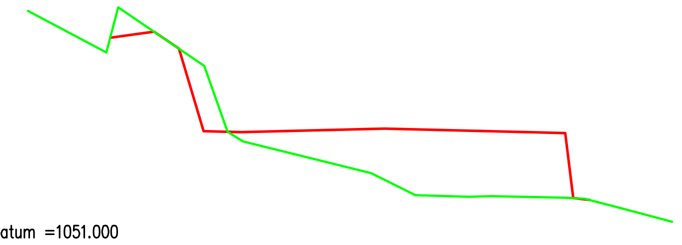
Chainage =44950.000



Level Datum =1052.000

Design Levels	1058.455	1056.824	1056.260	1053.259	1053.237	1053.324	1053.237	1053.214	1052.928	1052.950	
Design Offset	-9.596	-6.183	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.436	5.000	
Design Width	3.413	1.183	0.600	0.900	3.500	3.500	0.900	0.036			
Exi. Ground Levels	1058.648	1056.205	1055.361	1055.362	1054.438	1053.933	1052.829	1052.864	1052.867	1052.946	1053.008
Exi. Ground Offset	-10.000	-4.885	-3.187	-3.182	-2.585	-1.954	0.754	2.368	2.892	4.878	6.566

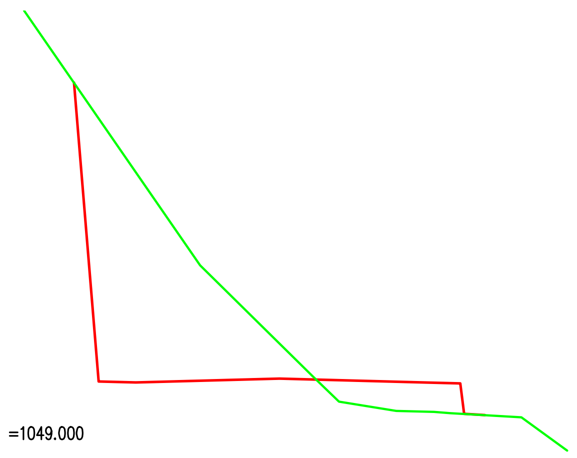
Chainage =45100.000



Level Datum =1051.000

Design Levels	1056.445	1056.592	1056.176	1054.170	1054.147	1054.235	1054.147	1054.125	1052.541	1052.490		
Design Offset	-6.675	-5.611	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.598	5.000		
Design Width	1.064	0.611	0.600	0.900	3.500	3.500	0.900	0.198				
Exi. Ground Levels	1056.085	1057.182	1055.756	1054.152	1053.919	1053.148	1052.612	1052.572	1052.590	1052.552	1052.525	1052.338
Exi. Ground Offset	-6.770	-6.479	-4.384	-3.815	-3.444	-0.329	0.759	2.067	2.603	4.399	4.866	5.592

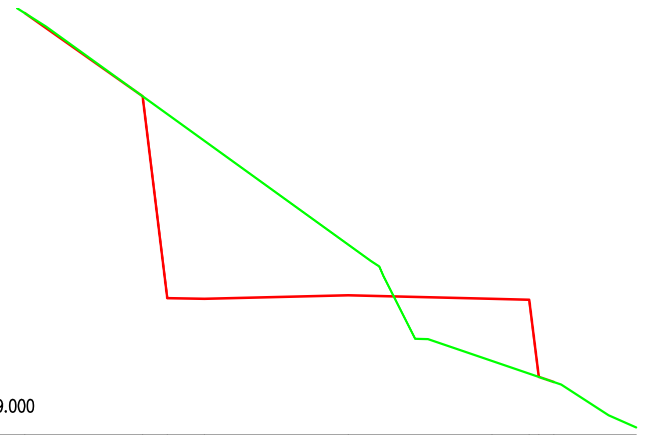
Chainage =45200.000



Level Datum =1049.000

Design Levels	1058.253	1050.983	1050.961	1051.048	1050.961	1050.938	1050.195	1050.163
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.493	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.093		
Exi. Ground Levels	1060.008	1053.808	1051.129	1050.489	1050.269	1050.245	1050.213	1050.111
Exi. Ground Offset	-6.212	-1.931	0.791	1.451	2.842	3.759	4.156	5.891

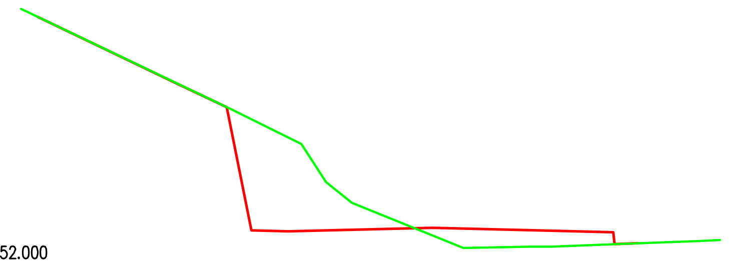
Chainage =44850.000



Level Datum =1049.000

Design Levels	1059.289	1057.259	1052.349	1052.326	1052.414	1052.326	1052.304	1050.427	1050.302
Design Offset	-7.870	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.635	5.000
Design Width	2.870	0.600	0.900	3.500	3.500	0.900	0.235		
Exi. Ground Levels	1058.958	1053.249	1052.882	1051.353	1051.348	1050.242	1049.492		
Exi. Ground Offset	-7.353	0.551	0.854	1.630	1.936	5.175	6.333		

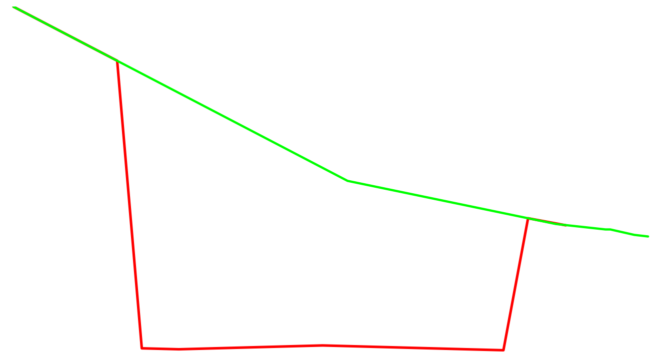
Chainage =45000.000



Level Datum =1052.000

Design Levels	1058.455	1056.824	1056.260	1053.259	1053.237	1053.324	1053.237	1053.214	1052.928	1052.950	
Design Offset	-9.596	-6.183	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.436	5.000	
Design Width	3.413	1.183	0.600	0.900	3.500	3.500	0.900	0.036			
Exi. Ground Levels	1058.648	1056.205	1055.361	1055.362	1054.438	1053.933	1052.829	1052.864	1052.867	1052.946	1053.008
Exi. Ground Offset	-10.000	-4.885	-3.187	-3.182	-2.585	-1.954	0.754	2.368	2.892	4.878	6.566

Chainage =45100.000



Level Datum =1054.000

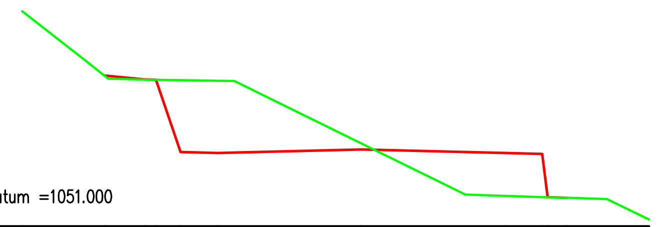
Design Levels	1063.689	1061.635	1054.625	1054.602	1054.690	1054.602	1054.580	1057.792	1057.624
Design Offset	-8.932	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.922
Design Width	3.932	0.600	0.900	3.500	3.500	0.900	0.600	0.922	
Exi. Ground Levels	1063.962	1063.833	1063.702	1058.706	1057.650	1057.519	1057.520	1057.389	
Exi. Ground Offset	-10.000	-9.674	-8.956	0.610	5.681	6.883	7.001	7.584	

Chainage =45250.000

Level Datum =1050.000

Design Levels	1059.639	1051.438	1051.416	1051.503	1051.416	1051.393	1052.295	1052.143
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.851	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.451		
Exi. Ground Levels	1057.248	1053.502	1052.605	1053.015	1052.946	1052.015	1052.008	
Exi. Ground Offset	-1.037	0.767	1.349	2.617	4.209	5.126	5.310	

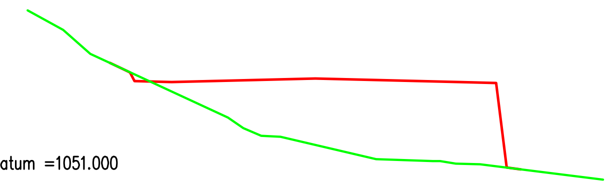
Chainage =44900.000



Level Datum =1051.000

Design Levels	1054.664	1054.570	1054.563	1052.804	1052.782	1052.869	1052.782	1052.759	1051.786	1051.693
Design Offset	-6.259	-5.283	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.532	5.000
Design Width	0.977	0.283	0.900	3.500	3.500	0.900	0.132			
Exi. Ground Levels	1055.015	1054.590	1054.556	1054.535	1053.326	1051.772	1051.720	1051.709	1051.699	1051.662
Exi. Ground Offset	-6.699	-6.167	-4.686	-3.095	-0.644	2.533	3.951	4.363	4.827	5.969

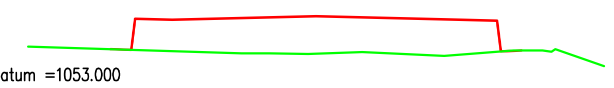
Chainage =45050.000



Level Datum =1051.000

Design Levels	1054.158	1053.930	1053.715	1053.692	1053.780	1053.692	1053.670	1051.614	1051.571		
Design Offset	-5.000	-4.508	-4.400	-3.500	-0.000	3.500	4.400	4.657	5.000		
Design Width	0.291	0.900	3.500	3.500	0.900	0.257					
Exi. Ground Levels	1054.964	1054.377	1052.828	1052.575	1052.388	1052.364	1051.815	1051.773	1051.772	1051.707	1051.695
Exi. Ground Offset	-6.135	-5.472	-2.126	-1.752	-1.318	-0.852	1.478	2.861	3.038	3.419	4.008

Chainage =45150.000



Level Datum =1053.000

Design Levels	1054.342	1054.374	1055.080	1055.058	1055.145	1055.058	1055.035	1054.284	1054.308
Design Offset	-5.000	-4.745	-4.400	-3.500	-0.000	3.500	4.400	4.494	5.000
Design Width	0.255	0.900	3.500	3.500	0.900	0.094			
Exi. Ground Levels	1054.243	1054.243	1054.224	1054.269	1054.177	1054.308	1054.309	1054.342	
Exi. Ground Offset	-1.814	-1.134	-0.192	1.120	3.115	4.802	5.508	5.819	

Chainage =45300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 42			Sheet : 42 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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Level Datum =1053.000

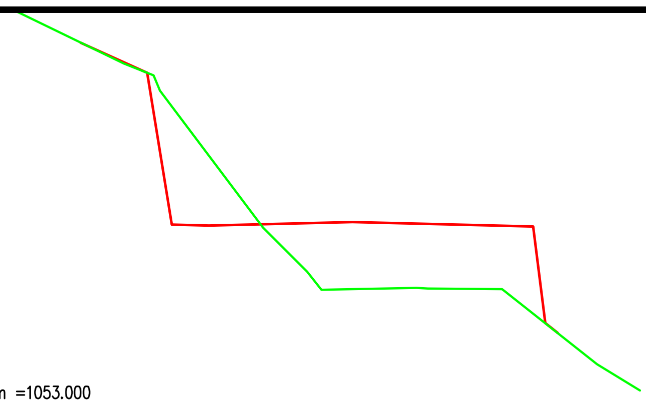
Design Levels	1067.704, 1055.535, 1055.513, 1055.600, 1055.513, 1055.490, 1055.204, 1055.191
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.436, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.036
Exi. Ground Levels	1071.628, 1060.971, 1058.437, 1056.551, 1057.180, 1057.580, 1055.252, 1055.241, 1055.232, 1055.195, 1055.188, 1054.362, 1054.140
Exi. Ground Offset	-6.206, -2.931, -1.390, -0.694, -0.416, 0.823, 1.680, 3.082, 3.363, 4.804, 5.095, 6.091, 6.494

Chainage =45350.000

Level Datum =1053.000

Design Levels	1060.337, 1058.433, 1056.446, 1056.423, 1056.511, 1056.423, 1056.401, 1055.505, 1055.188
Design Offset	-6.346, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.512, 5.000
Design Width	1.346, 0.600, 0.900, 3.500, 3.500, 0.900, 0.112
Exi. Ground Levels	1060.797, 1060.358, 1059.564, 1058.465, 1057.345, 1057.492, 1056.029, 1056.039, 1056.020, 1056.015, 1056.000
Exi. Ground Offset	-6.758, -6.364, -5.677, -5.073, -2.470, -1.416, 0.204, 1.298, 2.041, 2.760, 3.742

Chainage =45450.000



Level Datum =1053.000

Design Levels	1062.245, 1061.509, 1057.811, 1057.789, 1057.876, 1057.789, 1057.766, 1055.411, 1055.170
Design Offset	-6.617, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.694, 5.000
Design Width	1.617, 0.600, 0.900, 3.500, 3.500, 0.900, 0.294
Exi. Ground Levels	1061.733, 1061.448, 1061.074, 1057.743, 1056.671, 1056.225, 1056.230, 1056.270, 1056.252, 1056.236, 1054.412
Exi. Ground Offset	-5.569, -4.846, -4.685, -2.177, -1.106, -0.753, -0.421, 1.558, 1.841, 3.648, 5.962

Chainage =45600.000

Level Datum =1057.000

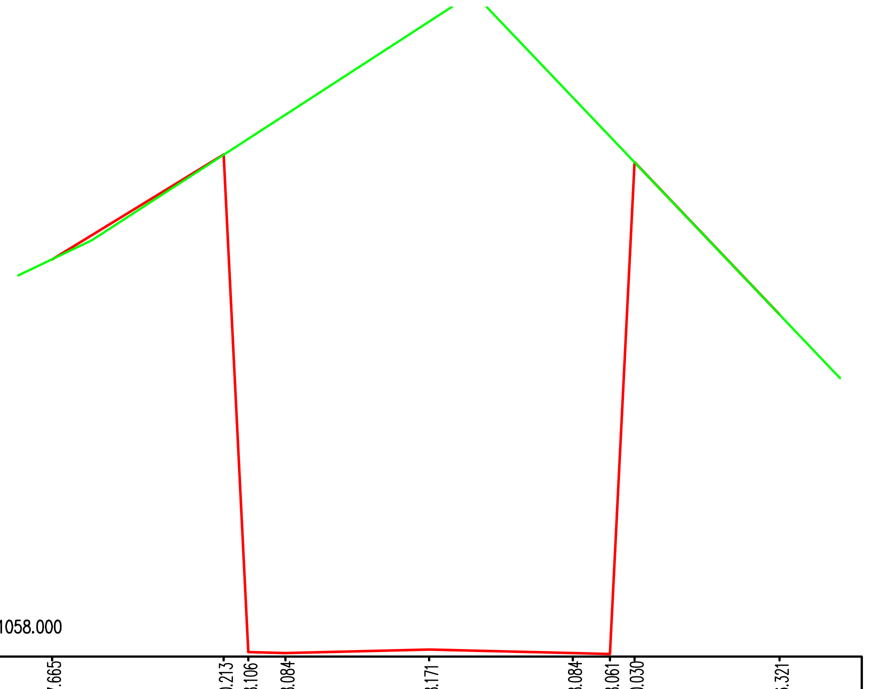
Design Levels	1071.133, 1058.039, 1058.016, 1058.104, 1058.016, 1057.994, 1058.703, 1058.636
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.755, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.355
Exi. Ground Levels	1071.077, 1067.804, 1067.806, 1063.103, 1060.569, 1059.142, 1058.773, 1058.778, 1058.154
Exi. Ground Offset	-4.763, -0.619, -0.125, 1.687, 2.752, 3.668, 4.117, 4.483, 6.759

Chainage =45700.000

Level Datum =1053.000

Design Levels	1060.545, 1059.200, 1058.692, 1056.901, 1056.879, 1056.966, 1056.879, 1056.856, 1055.170, 1055.185
Design Offset	-8.044, -5.549, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.611, 5.000
Design Width	2.495, 0.549, 0.600, 0.900, 3.500, 3.500, 0.900, 0.211
Exi. Ground Levels	1061.600, 1059.071, 1057.932, 1059.219, 1056.157, 1056.264, 1054.979, 1055.269, 1055.128, 1055.133, 1055.149, 1055.162, 1055.217, 1055.234, 1055.160, 1055.173, 1055.199, 1054.977
Exi. Ground Offset	-10.000, -5.310, -4.377, -4.259, -3.841, -3.174, -2.035, -0.923, -0.218, -0.049, 1.193, 1.989, 2.836, 3.870, 4.388, 4.680, 5.332, 5.822

Chainage =45500.000



Level Datum =1058.000

Design Levels	1067.665, 1070.213, 1058.106, 1058.084, 1058.171, 1058.084, 1058.061, 1070.030, 1066.321
Design Offset	-9.179, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.530
Design Width	4.179, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.530
Exi. Ground Levels	1067.270, 1068.131, 1073.988, 1074.096, 1064.777
Exi. Ground Offset	-10.000, -8.210, 0.818, 1.131, 10.000

Chainage =45650.000

Level Datum =1057.000

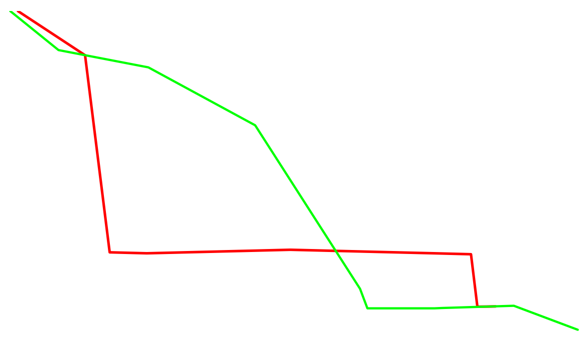
Design Levels	1071.196, 1057.608, 1057.586, 1057.673, 1057.586, 1057.563, 1058.689, 1058.704
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.963, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.563
Exi. Ground Levels	1070.476, 1069.466, 1069.034, 1063.271, 1062.452, 1061.205, 1060.780, 1060.285, 1058.908, 1058.661, 1059.010, 1058.631
Exi. Ground Offset	-4.152, -3.251, -2.914, 0.514, 0.924, 1.306, 1.502, 2.261, 3.926, 4.895, 5.750, 6.114

Chainage =45750.000

Level Datum =1055.000

Design Levels	1064.938, 1061.820, 1055.991, 1055.968, 1056.056, 1055.968, 1055.946, 1056.298, 1056.104
Design Offset	-8.874, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.576, 5.000
Design Width	3.874, 0.600, 0.900, 3.500, 3.500, 0.900, 0.176
Exi. Ground Levels	1065.844, 1057.560, 1057.769, 1059.203, 1059.227, 1059.199, 1056.222, 1055.621
Exi. Ground Offset	-10.000, 0.293, 0.338, 0.829, 1.087, 1.364, 4.659, 6.385

Chainage =45400.000



Level Datum =1055.000

Design Levels	1063.930, 1062.153, 1057.356, 1057.334, 1057.421, 1057.334, 1057.311, 1056.030, 1056.042
Design Offset	-7.687, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.560, 5.000
Design Width	2.687, 0.600, 0.900, 3.500, 3.500, 0.900, 0.160
Exi. Ground Levels	1062.276, 1061.858, 1060.451, 1056.466, 1055.996, 1055.997, 1056.004, 1056.056
Exi. Ground Offset	-5.642, -3.455, -0.857, 1.697, 1.942, 3.514, 3.691, 5.447

Chainage =45550.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 43			Sheet : 43 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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Level Datum =1056.000

Design Levels	1065.470, 1064.232, 1056.815, 1056.793, 1056.880, 1056.793, 1056.770, 1058.106, 1058.084
Design Offset	-8.728, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.057
Design Width	3.728, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1065.714, 1065.084, 1062.432, 1061.643, 1060.824, 1059.383, 1059.409, 1059.290, 1057.926, 1057.899
Exi. Ground Offset	-10.000, -6.708, -1.388, -0.356, -0.254, 0.639, 0.944, 1.913, 5.470, 5.646

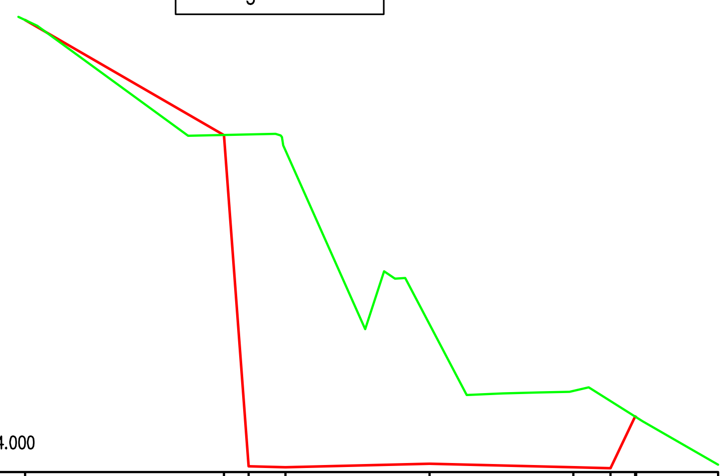
Chainage =45800.000

Level Datum =1055.000

Design Levels	1069.571, 1055.659, 1055.637, 1055.724, 1055.637, 1055.614, 1057.361, 1057.320
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.253
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1072.385, 1065.873, 1061.449, 1059.261, 1058.215, 1057.421, 1057.615, 1057.032
Exi. Ground Offset	-6.847, -2.572, 0.578, 1.029, 1.135, 2.292, 3.453, 7.006

Chainage =45850.000

Level Datum =1054.000



Design Levels	1065.015, 1062.216, 1054.141, 1054.118, 1054.206, 1054.118, 1054.096, 1055.356, 1055.342
Design Offset	-9.837, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.023
Design Width	4.837, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1065.092, 1064.875, 1062.199, 1062.240, 1061.960, 1057.484, 1058.891, 1058.478, 1058.734, 1055.877, 1055.920, 1055.943, 1055.959, 1056.070, 1055.239
Exi. Ground Offset	-10.000, -9.543, -5.872, -3.748, -3.559, -1.564, -1.100, -0.841, -0.590, 0.905, 1.785, 2.659, 3.407, 3.873, 5.185

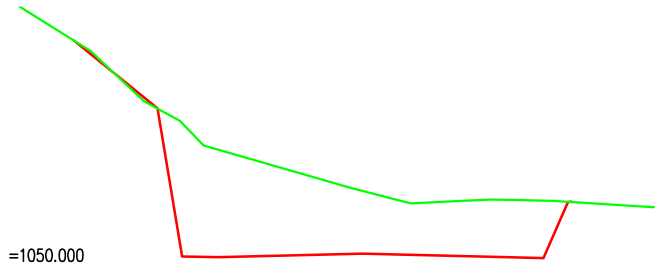
Chainage =45900.000

Level Datum =1052.000

Design Levels	1061.864, 1052.420, 1052.398, 1052.485, 1052.398, 1052.375, 1055.023, 1055.048
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.736
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.736
Exi. Ground Levels	1059.100, 1057.747, 1058.598, 1058.278, 1054.992, 1055.120, 1054.824
Exi. Ground Offset	-0.200, 0.473, 3.098, 3.238, 5.017, 6.671, 7.279

Chainage =45950.000

Level Datum =1050.000



Design Levels	1055.951, 1054.297, 1050.699, 1050.676, 1050.764, 1050.676, 1050.654, 1052.028, 1052.023
Design Offset	-7.026, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.085
Design Width	2.026, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1055.703, 1054.474, 1053.996, 1053.397, 1052.371, 1051.987, 1052.058, 1052.078, 1052.074, 1052.053
Exi. Ground Offset	-6.629, -5.322, -4.451, -3.878, -0.308, 1.163, 2.586, 3.089, 3.617, 4.615

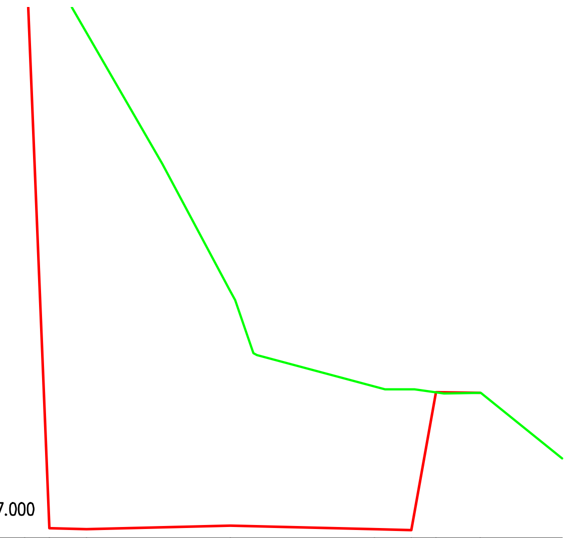
Chainage =46000.000

Level Datum =1048.000

Design Levels	1056.783, 1048.977, 1048.955, 1049.042, 1048.955, 1048.932, 1050.227, 1050.204
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.036
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1056.633, 1056.384, 1056.600, 1054.280, 1055.475, 1055.588, 1051.015, 1050.676, 1050.683, 1050.730, 1050.760, 1050.837
Exi. Ground Offset	-4.834, -4.705, -4.259, -2.057, -1.790, -1.030, 0.136, 0.686, 1.027, 2.271, 2.691, 4.050

Chainage =46050.000

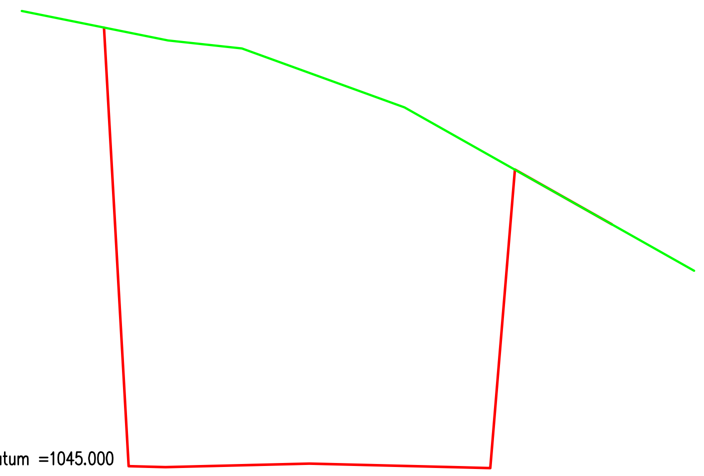
Level Datum =1047.000



Design Levels	1061.917, 1047.256, 1047.234, 1047.321, 1047.234, 1047.211, 1050.567, 1050.552
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.071
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.071
Exi. Ground Levels	1063.441, 1056.122, 1053.053, 1052.812, 1051.516, 1051.474, 1050.640, 1050.638, 1050.541, 1050.553
Exi. Ground Offset	-5.880, -1.653, -0.019, 0.117, 0.561, 0.643, 3.760, 4.480, 5.191, 6.088

Chainage =46100.000

Level Datum =1045.000



Design Levels	1056.202, 1045.535, 1045.512, 1045.600, 1045.512, 1045.490, 1052.745, 1051.414
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.362
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.362
Exi. Ground Levels	1055.889, 1055.692, 1054.256
Exi. Ground Offset	-3.440, -1.642, 2.317

Chainage =46150.000

Level Datum =1043.000

Design Levels	1058.629, 1043.813, 1043.791, 1043.878, 1043.791, 1043.768, 1049.916, 1047.456
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.244
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.244
Exi. Ground Levels	1060.235, 1060.577, 1058.822, 1052.146, 1050.175, 1047.817, 1044.594, 1043.044
Exi. Ground Offset	-2.098, -0.954, 0.512, 2.868, 4.863, 6.108, 7.323, 7.477

Chainage =46200.000

Level Datum =1038.000

Design Levels	1049.501, 1042.092, 1042.070, 1042.157, 1042.070, 1042.047, 1039.460, 1039.351
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.723, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.323
Exi. Ground Levels	1051.373, 1048.603, 1046.151, 1042.830, 1041.548, 1040.286, 1039.956, 1039.983, 1039.834, 1039.493, 1039.491
Exi. Ground Offset	-5.547, -4.738, -3.590, -2.416, -0.971, 0.604, 1.078, 2.492, 3.989, 4.499, 4.644

Chainage =46250.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 43		Sheet : 43 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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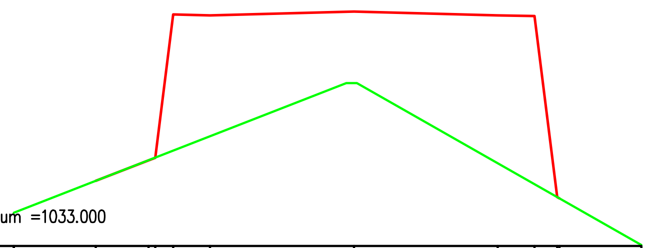
Level Datum =1037.000

Design Levels	1049.164 1040.371 1040.348 1040.436 1040.348 1040.326 1039.147 1038.879
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 4.547 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.147
Exi. Ground Levels	1050.516 1045.748 1037.940 1039.159 1038.813
Exi. Ground Offset	-6.327 -1.647 4.246 4.527 5.111

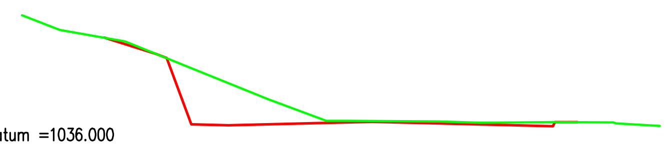
Chainage =46300.000



Level Datum =1033.000

Design Levels	1034.590 1035.090 1035.153 1038.649 1038.627 1038.714 1038.627 1038.604 1034.191 1034.163
Design Offset	-6.280 -5.000 -4.837 -4.400 -3.500 -0.000 3.500 4.400 4.952 5.000
Design Width	1.280 0.163 0.900 3.500 3.500 0.900 0.552
Exi. Ground Levels	1036.970 1036.970
Exi. Ground Offset	-0.187 0.075

Chainage =46350.000



Level Datum =1036.000

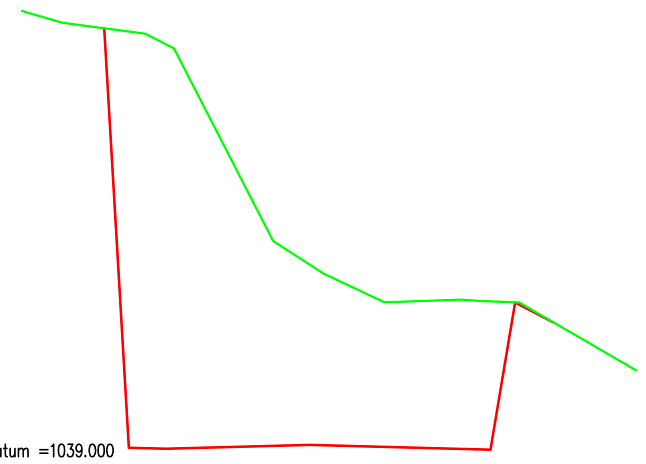
Design Levels	1039.089 1038.697 1038.591 1036.971 1036.949 1037.036 1036.949 1036.926 1037.029 1037.027
Design Offset	-6.518 -5.263 -5.000 -4.400 -3.500 0.000 3.500 4.400 4.451 5.000
Design Width	1.255 0.263 0.900 3.500 3.500 0.900 0.051
Exi. Ground Levels	1039.277 1039.002 1037.585 1037.063 1037.059 1037.042 1037.013 1037.029 1037.024 1037.001
Exi. Ground Offset	-7.600 -6.017 -2.514 -1.118 -0.611 1.609 2.644 4.398 5.873 5.938

Chainage =46400.000

Level Datum =1036.000

Design Levels	1058.093 1037.000 1036.977 1037.065 1036.977 1036.955 1049.202 1043.425
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 7.635
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.635
Exi. Ground Levels	1056.892 1058.341 1058.157 1057.898 1052.849 1048.642 1043.608 1041.349 1041.349 1043.281
Exi. Ground Offset	-6.992 -4.588 -1.934 -1.419 1.173 5.588 7.541 8.698 8.766 9.521

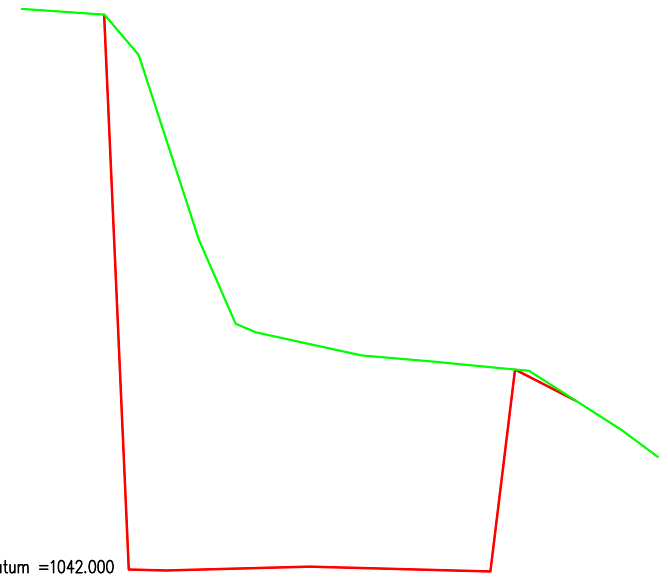
Chainage =46450.000



Level Datum =1039.000

Design Levels	1050.005 1039.793 1039.770 1039.858 1039.770 1039.748 1043.329 1042.837
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.945
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.945
Exi. Ground Levels	1050.139 1049.873 1049.516 1044.822 1044.031 1043.333 1043.346 1043.400 1043.365 1043.325
Exi. Ground Offset	-6.016 -4.004 -3.301 -0.889 0.344 1.818 2.166 3.683 4.112 5.105

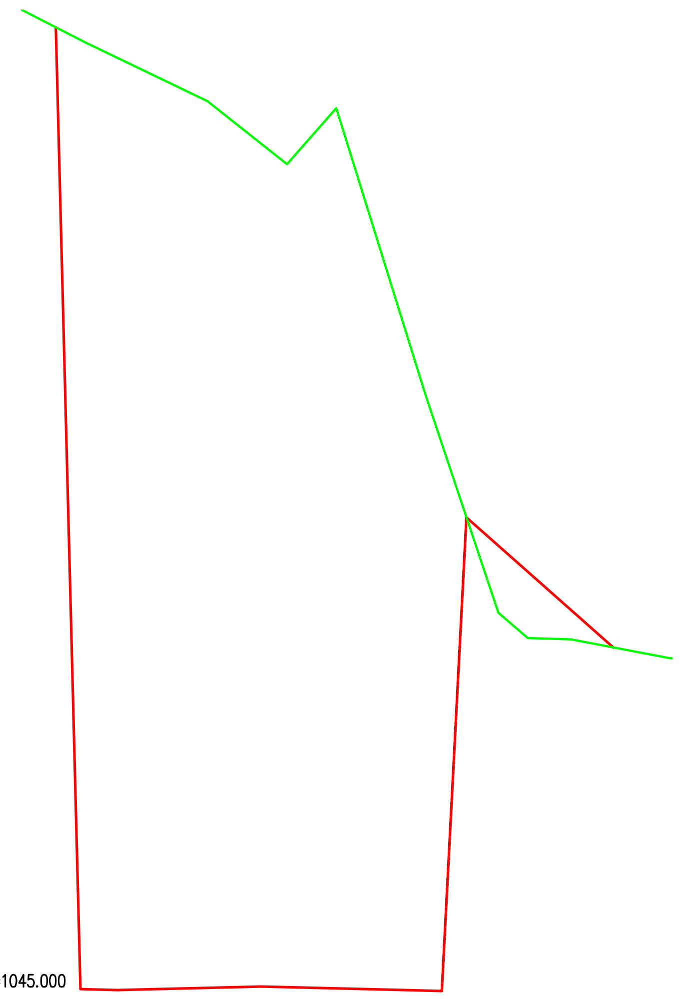
Chainage =46500.000



Level Datum =1042.000

Design Levels	1056.160 1042.657 1042.635 1042.722 1042.635 1042.612 1047.522 1046.765
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 6.476
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.476
Exi. Ground Levels	1056.160 1055.177 1050.685 1048.636 1048.425 1047.868 1047.800 1047.716 1047.539 1047.490 1046.053
Exi. Ground Offset	-4.993 -4.158 -2.695 -1.798 -1.304 1.273 1.985 2.991 4.826 5.340 7.591

Chainage =46550.000



Level Datum =1045.000

Design Levels	1068.937 1045.522 1045.499 1045.587 1045.499 1045.477 1057.007 1053.838
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 8.581
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.581
Exi. Ground Levels	1068.571 1067.143 1065.610 1066.970 1059.967 1054.682 1054.068 1054.035 1053.576 1053.576
Exi. Ground Offset	-4.292 -1.308 0.625 1.828 4.013 5.775 6.492 7.543 9.964 10.000

Chainage =46600.000

Level Datum =1048.000

Design Levels	1065.565 1048.386 1048.364 1048.451 1048.364 1048.341 1056.341 1055.031
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 7.745
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.745
Exi. Ground Levels	1066.925 1065.288 1062.774 1070.214 1069.839 1063.741 1058.409 1058.317 1056.572 1056.576 1056.582 1056.168
Exi. Ground Offset	-5.839 -4.830 -4.246 -3.824 -3.480 -2.868 -1.099 -1.065 2.558 3.597 4.320 5.488

Chainage =46650.000

Level Datum =1051.000

Design Levels	1067.156 1051.251 1051.228 1051.316 1051.228 1051.206 1058.805 1057.828
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 7.711
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.711
Exi. Ground Levels	1066.956 1063.267 1062.661 1059.403 1058.728 1058.805 1058.792 1058.820 1058.797 1058.880 1058.872 1057.684
Exi. Ground Offset	-4.807 -1.240 -0.443 1.630 2.255 2.634 3.006 3.664 4.829 6.567 7.241 7.776

Chainage =46700.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 45
Sheet :	45 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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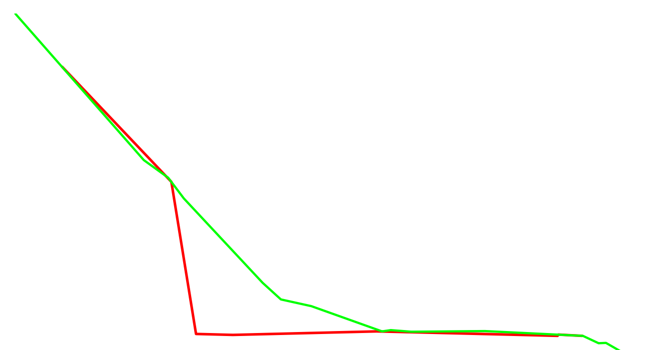
PH:0120-2400144

Level Datum =1054.000

Design Levels	1072.792 1054.115 1054.093 1054.180 1054.093 1054.070 1061.053 1059.930
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 7.330
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.330
Exi. Ground Levels	1074.942 1074.637 1069.716 1065.893 1064.282 1063.023 1062.107 1061.048 1061.060 1061.068 1059.945
Exi. Ground Offset	−6.102 −5.805 −3.658 −1.881 0.215 1.449 3.157 4.549 5.581 6.009 7.309

Chainage =46750.000



Level Datum =1058.000

Design Levels	1066.357 1063.555 1059.844 1059.822 1059.909 1059.822 1059.799 1059.829 1059.802
Design Offset	−7.656 −5.000 −4.400 −3.500 0.000 3.500 4.400 4.415 5.000
Design Width	2.656 0.600 0.900 3.500 3.500 0.900 0.015
Exi. Ground Levels	1064.079 1063.652 1063.147 1061.088 1060.683 1060.522 1059.911 1059.942 1059.902 1059.913 1059.801 [illegible] 1059.624 1059.365
Exi. Ground Offset	−5.669 −5.073 −4.694 −2.776 −2.336 −1.592 0.125 0.338 0.835 2.627 5.009 [illegible] 5.571 6.037

Chainage =46850.000

Level Datum =1056.000

Design Levels	1068.166 1056.980 1056.957 1057.045 1056.957 1056.935 1060.024 1059.902
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.884
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.884
Exi. Ground Levels	1070.149 1068.118 1065.470 1064.076 1062.389 1060.142 1060.142 1060.144 1060.170 1059.901
Exi. Ground Offset	−6.939 −4.953 −0.296 −0.253 0.453 1.600 1.927 2.338 3.935 5.891

Chainage =46800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage	:-
Drawing No. :-	AIPPL/BRO/DPR/CS/ 46
Scale :-	NTS
Sheet :	46 of End
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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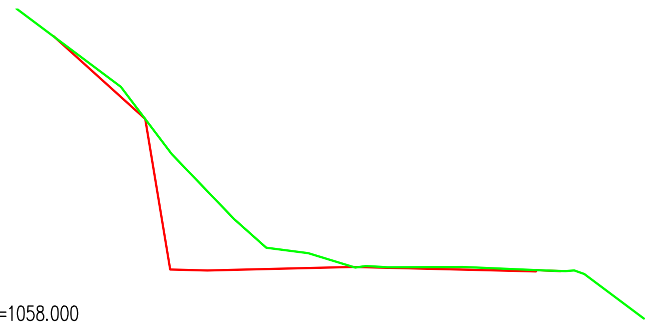
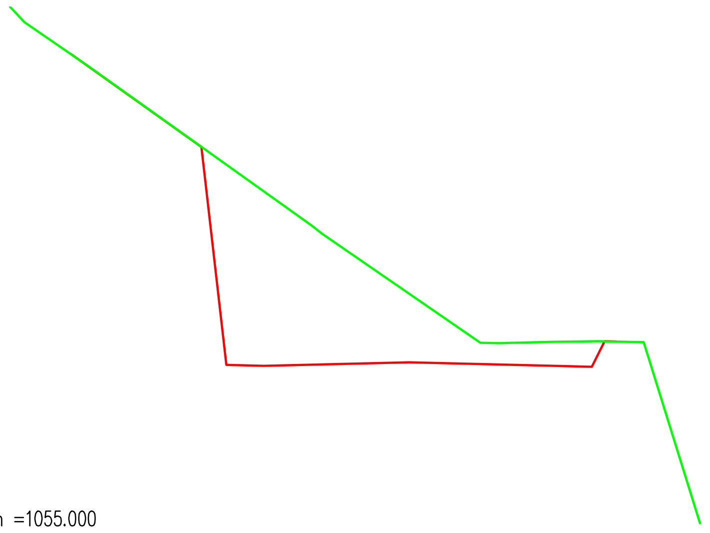
PH:0120-2400144



Level Datum =1058.000

Design Levels	1065.461, 1063.476, 1059.851, 1059.829, 1059.916, 1059.829, 1059.806, 1059.835, 1059.814
Design Offset	-7.205, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.414, 5.000
Design Width	2.205, 0.600, 0.900, 3.500, 3.500, 0.900, 0.014
Exi. Ground Levels	1066.455, 1064.242, 1062.627, 1061.065, 1060.376, 1060.245, 1059.897, 1059.935, 1059.902, 1059.915, 1059.825, 1059.810, 1059.829, 1059.747
Exi. Ground Offset	-8.529, -5.580, -4.357, -2.857, -2.084, -1.076, 0.060, 0.312, 0.843, 2.638, 4.617, 5.115, 5.324, 5.566

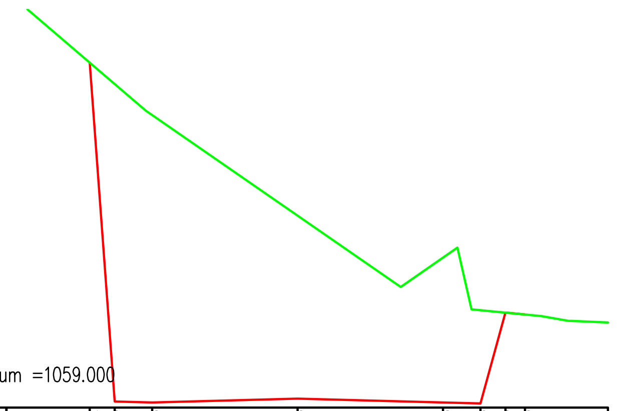
Chainage =46850.000



Level Datum =1055.000

Design Levels	1066.982, 1064.752, 1059.501, 1059.478, 1059.566, 1059.478, 1059.456, 1060.062, 1060.067
Design Offset	-8.141, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.706, 5.000
Design Width	3.141, 0.600, 0.900, 3.500, 3.500, 0.900, 0.306
Exi. Ground Levels	1068.495, 1068.391, 1067.758, 1066.696, 1062.864, 1062.664, 1060.036, 1060.022, 1060.052, 1060.070, 1060.048, 1060.044
Exi. Ground Offset	-10.000, -9.839, -9.264, -7.727, -2.352, -2.101, 1.714, 2.180, 3.443, 4.551, 5.592, 5.647

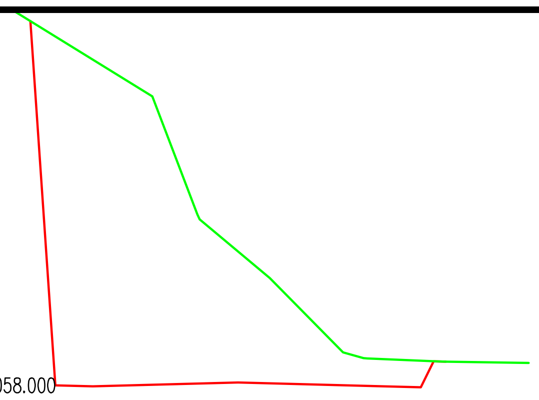
Chainage =46900.000



Level Datum =1059.000

Design Levels	1067.312, 1059.150, 1059.128, 1059.215, 1059.128, 1059.105, 1061.290, 1061.245
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.470
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.470
Exi. Ground Levels	1066.156, 1061.908, 1062.859, 1061.369, 1061.206, 1061.094, 1061.092
Exi. Ground Offset	-3.652, 2.484, 3.846, 4.183, 5.863, 6.521, 6.589

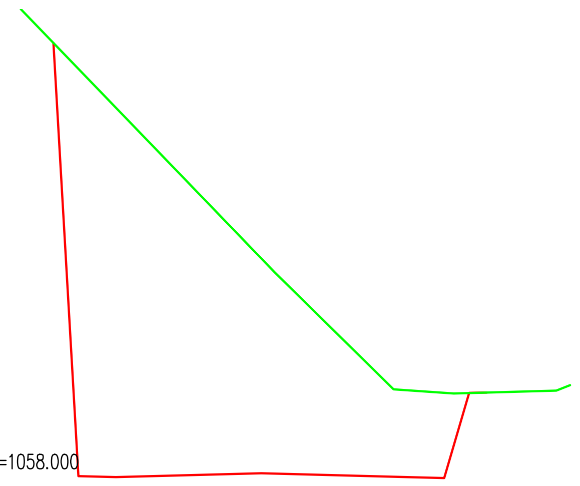
Chainage =46950.000



Level Datum =1058.000

Design Levels	1067.559, 1058.800, 1058.777, 1058.865, 1058.777, 1058.755, 1059.279, 1059.372
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.712, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.312
Exi. Ground Levels	1065.749, 1062.905, 1062.787, 1061.379, 1059.593, 1059.453, 1059.445, 1059.376, 1059.372
Exi. Ground Offset	-2.062, -0.982, -0.925, 0.763, 2.531, 3.021, 3.115, 4.763, 4.986

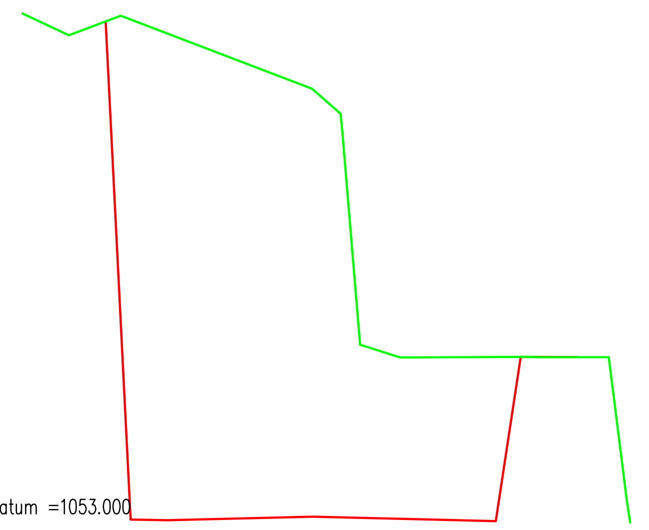
Chainage =47000.000



Level Datum =1058.000

Design Levels	1068.868, 1058.449, 1058.427, 1058.514, 1058.427, 1058.404, 1060.449, 1060.461
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.428
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.428
Exi. Ground Levels	1070.812, 1063.350, 1060.538, 1060.439, 1060.506
Exi. Ground Offset	-6.875, 0.322, 3.181, 4.630, 7.099

Chainage =47050.000



Level Datum =1053.000

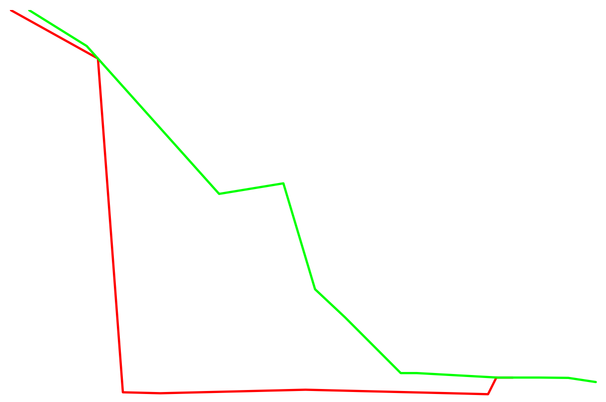
Design Levels	1070.081, 1058.099, 1058.076, 1058.164, 1058.076, 1058.054, 1062.009, 1062.005
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.375
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.375
Exi. Ground Levels	1069.751, 1070.219, 1068.467, 1067.862, 1067.474, 1062.307, 1062.007, 1061.998, 1062.010, 1062.003, 1062.006, 1058.519
Exi. Ground Offset	-5.883, -4.633, -0.025, 0.660, 0.898, 1.133, 2.073, 2.138, 5.118, 5.475, 7.116, 7.556

Chainage =47100.000

Level Datum =1057.000

Design Levels	1069.446, 1057.748, 1057.726, 1057.813, 1057.726, 1057.703, 1060.917, 1060.275
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.686
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.686
Exi. Ground Levels	1068.397, 1065.678, 1061.199, 1061.063, 1060.531, 1060.224, 1058.681
Exi. Ground Offset	-3.065, 0.317, 2.454, 4.909, 5.241, 5.774, 6.814

Chainage =47150.000



Level Datum =1057.000

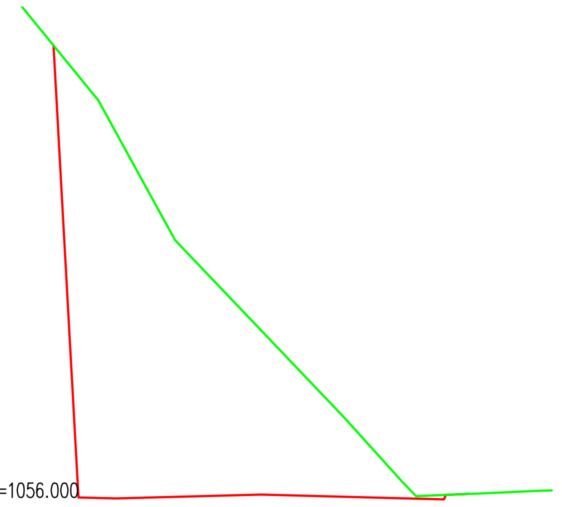
Design Levels	1068.082, 1065.437, 1057.398, 1057.375, 1057.463, 1057.375, 1057.353, 1057.755, 1057.754
Design Offset	-9.742, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.601, 5.000
Design Width	4.742, 0.600, 0.900, 3.500, 3.500, 0.900, 0.201
Exi. Ground Levels	1068.190, 1068.089, 1067.240, 1065.736, 1062.180, 1062.433, 1059.879, 1059.201, 1057.864, 1057.863, 1057.753, 1057.755, 1057.742
Exi. Ground Offset	-10.000, -9.761, -7.671, -5.268, -2.080, -0.528, 0.229, 0.953, 2.293, 2.682, 4.629, 5.627, 6.337

Chainage =47200.000

Level Datum =1056.000

Design Levels	1067.431, 1065.088, 1057.019, 1056.997, 1057.084, 1056.997, 1056.974, 1057.052, 1057.058
Design Offset	-9.606, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.439, 5.000
Design Width	4.606, 0.600, 0.900, 3.500, 3.500, 0.900, 0.039
Exi. Ground Levels	1067.631, 1065.032, 1063.728, 1062.931, 1059.415, 1058.114, 1057.227, 1057.264, 1057.033
Exi. Ground Offset	-10.000, -4.890, -2.100, -1.555, 0.028, 1.673, 2.471, 3.244, 4.548

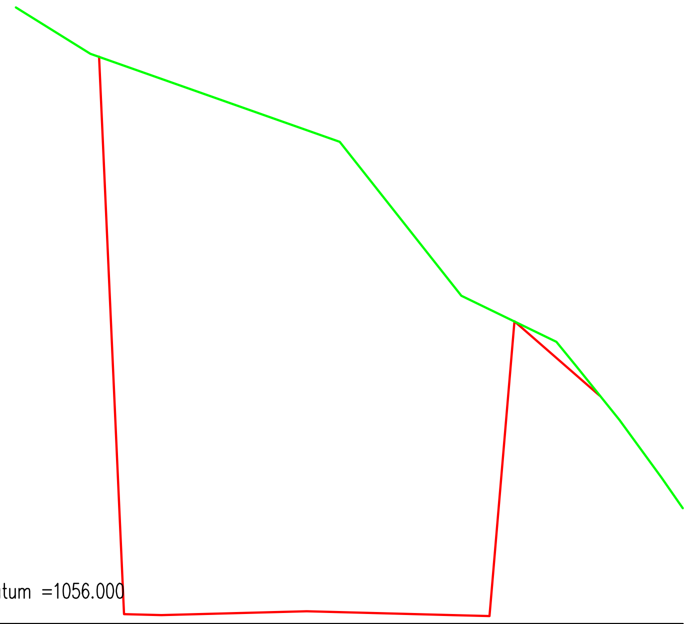
Chainage =47250.000



Level Datum =1056.000

Design Levels	1067.517, 1056.639, 1056.607, 1056.695, 1056.607, 1056.585, 1056.589, 1056.712
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.452, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.052
Exi. Ground Levels	1068.993, 1066.189, 1062.824, 1058.533, 1057.035, 1056.658, 1056.710, 1056.719, 1056.790
Exi. Ground Offset	-6.199, -3.922, -2.072, 2.023, 3.368, 3.733, 4.927, 5.212, 6.707

Chainage =47300.000



Level Datum =1056.000

Design Levels	1069.660, 1056.240, 1056.217, 1056.305, 1056.217, 1056.195, 1063.288, 1061.506
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.055
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.055
Exi. Ground Levels	1069.733, 1067.615, 1063.905, 1062.800, 1062.211, 1060.913, 1059.520
Exi. Ground Offset	-5.205, 0.791, 3.724, 6.011, 6.493, 7.528, 8.550

Chainage =47350.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 47
Sheet :	47 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
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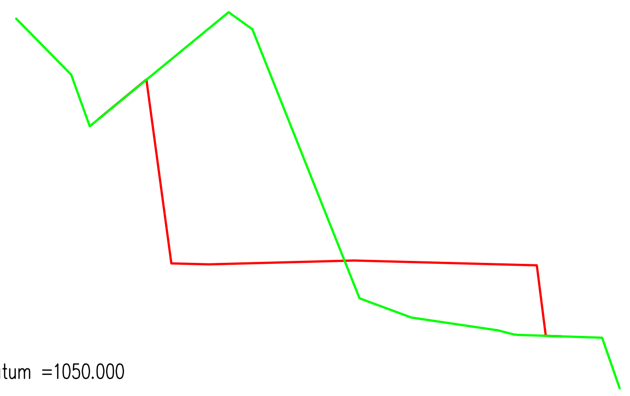
PH:0120-2400144

Level Datum =1050.000

Design Levels	1064.340, 1062.392, 1055.850, 1055.828, 1055.915, 1055.828, 1055.805, 1055.152, 1055.031
Design Offset	-8.645, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.482, 5.000
Design Width	3.645, 0.600, 0.900, 3.500, 3.500, 0.900, 0.082
Exi. Ground Levels	1065.186, 1063.044, 1063.355, 1060.650, 1059.757, 1059.094, 1055.353, 1054.976, 1054.971
Exi. Ground Offset	-10.000, -9.774, -7.065, -1.265, -0.021, 0.494, 3.617, 5.240, 6.025

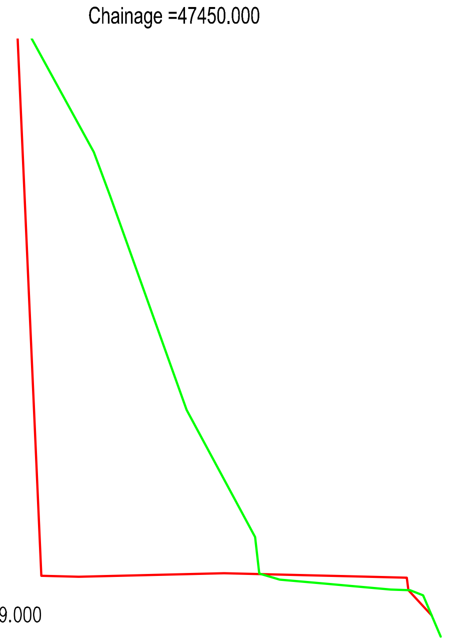
Chainage =47400.000



Level Datum =1050.000

Design Levels	1058.943, 1059.879, 1055.460, 1055.438, 1055.525, 1055.438, 1055.415, 1053.717, 1053.704
Design Offset	-6.141, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.612, 5.000
Design Width	1.141, 0.600, 0.900, 3.500, 3.500, 0.900, 0.212
Exi. Ground Levels	1059.998, 1058.756, 1061.502, 1061.094, 1054.618, 1054.153, 1053.849, 1053.751, 1053.741, 1053.670
Exi. Ground Offset	-6.813, -6.370, -3.019, -2.450, 0.129, 1.378, 3.466, 3.842, 3.925, 5.966

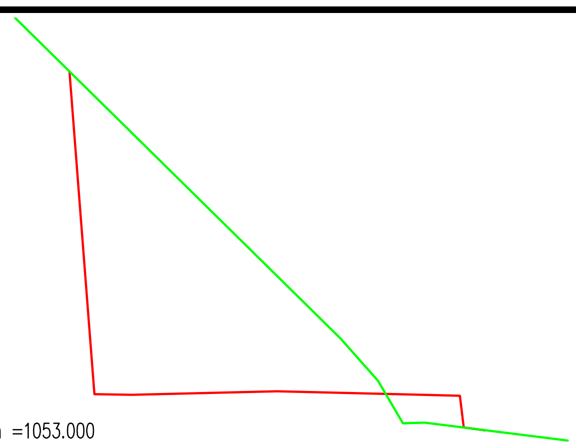
Chainage =47450.000



Level Datum =1049.000

Design Levels	1068.674, 1055.071, 1055.048, 1055.136, 1055.048, 1055.026, 1054.728, 1054.121
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.437, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.037
Exi. Ground Levels	1069.212, 1065.274, 1064.213, 1059.068, 1056.007, 1055.129, 1054.978, 1054.875, 1054.744, 1054.727, 1054.604, 1051.399
Exi. Ground Offset	-5.295, -3.137, -2.745, -0.899, 0.745, 0.851, 1.337, 2.565, 4.012, 4.473, 4.796, 6.150

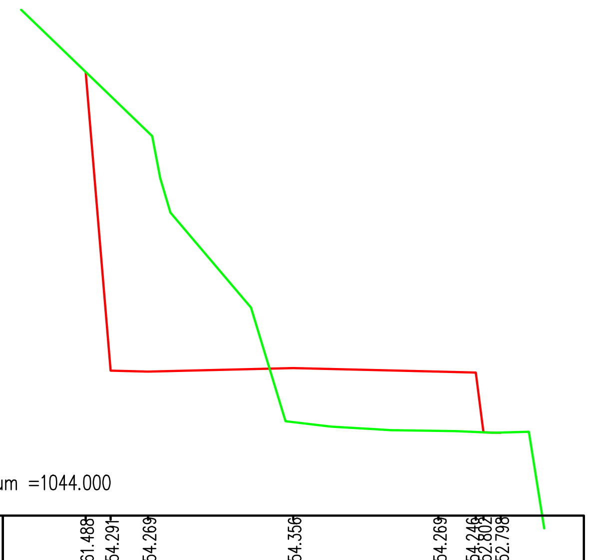
Chainage =47500.000



Level Datum =1053.000

Design Levels	1062.451, 1054.681, 1054.659, 1054.746, 1054.659, 1054.636, 1053.873, 1053.810
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.495, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.095
Exi. Ground Levels	1056.020, 1054.998, 1053.974, 1053.991
Exi. Ground Offset	1.527, 2.425, 3.032, 3.549

Chainage =47550.000



Level Datum =1044.000

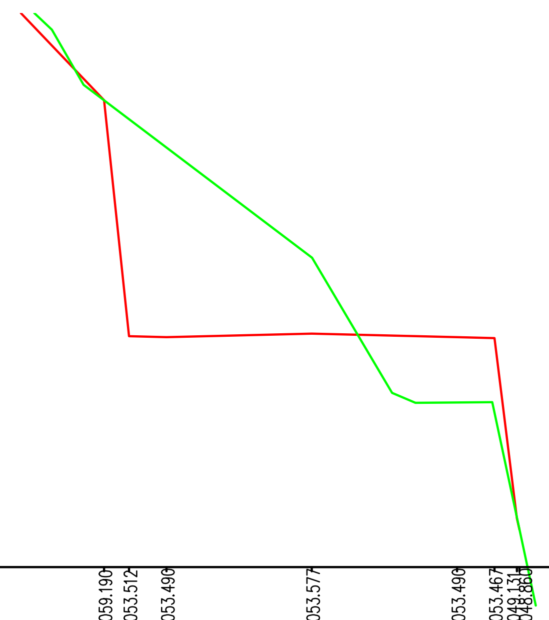
Design Levels	1061.488, 1054.291, 1054.269, 1054.356, 1054.269, 1054.246, 1052.802, 1052.798
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.581, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.181
Exi. Ground Levels	1059.943, 1058.935, 1058.102, 1055.809, 1053.073, 1052.943, 1052.882, 1052.861, 1052.833, 1052.792, 1052.802, 1052.816, 1045.390
Exi. Ground Offset	-3.399, -3.205, -2.963, -1.020, -0.185, 0.916, 1.979, 2.349, 3.912, 4.804, 5.132, 5.675, 6.862

Chainage =47600.000

Level Datum =1050.000

Design Levels	1061.395, 1059.338, 1053.902, 1053.879, 1053.967, 1053.879, 1053.857, 1051.959, 1051.972
Design Offset	-8.147, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.637, 5.000
Design Width	3.147, 0.600, 0.900, 3.500, 3.500, 0.900, 0.237
Exi. Ground Levels	1062.607, 1058.552, 1057.847, 1058.543, 1058.622, 1056.599, 1055.707, 1052.110, 1051.945, 1051.934, 1051.959, 1051.986, 1052.024, 1052.018
Exi. Ground Offset	-10.000, -3.799, -2.517, -1.283, -0.264, 0.146, 0.495, 1.741, 2.805, 3.435, 4.639, 5.400, 5.515, 6.714

Chainage =47650.000



Level Datum =1039.000

Design Levels	1064.155, 1059.190, 1053.512, 1053.490, 1053.577, 1053.490, 1053.467, 1049.131, 1048.860
Design Offset	-9.722, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.942, 5.000
Design Width	4.722, 0.600, 0.900, 3.500, 3.500, 0.900, 0.542
Exi. Ground Levels	1064.417, 1060.893, 1059.562, 1055.398, 1052.151, 1051.913, 1051.919, 1051.928
Exi. Ground Offset	-10.000, -6.258, -5.491, 0.004, 1.933, 2.499, 3.469, 4.344

Chainage =47700.000

Level Datum =1043.000

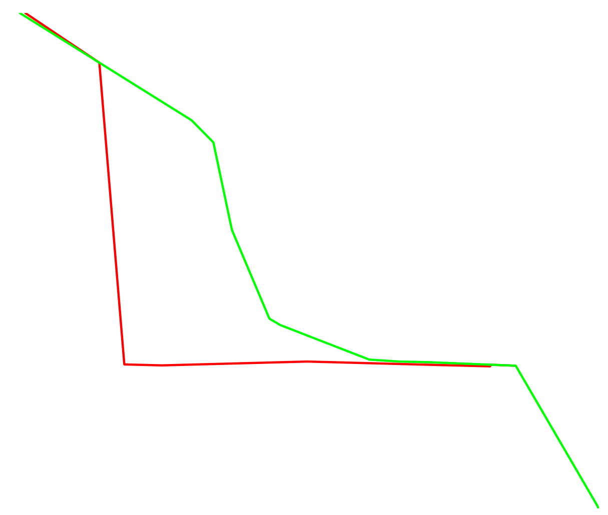
Design Levels	1058.285, 1053.122, 1053.100, 1053.187, 1053.100, 1053.077, 1050.181, 1049.508
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.762, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.362
Exi. Ground Levels	1051.369, 1051.111, 1051.069, 1051.063, 1051.067, 1051.060
Exi. Ground Offset	-0.217, 0.653, 2.261, 2.631, 3.043, 4.452

Chainage =47750.000

Level Datum =1051.000

Design Levels	1060.855, 1052.733, 1052.710, 1052.798, 1052.710, 1052.688, 1054.311, 1054.177
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.145
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1061.501, 1059.416, 1058.462, 1056.774, 1054.941, 1052.882, 1051.271
Exi. Ground Offset	-6.762, -1.076, 0.123, 2.076, 4.317, 6.549, 7.126

Chainage =47800.000



Level Datum =1048.000

Design Levels	1062.674, 1059.611, 1052.343, 1052.320, 1052.408, 1052.320, 1052.298, 1052.335, 1052.309
Design Offset	-9.565, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.417, 5.000
Design Width	4.565, 0.600, 0.900, 3.500, 3.500, 0.900, 0.017
Exi. Ground Levels	1063.004, 1062.729, 1061.882, 1058.225, 1057.687, 1055.576, 1053.444, 1053.291, 1052.453, 1052.413, 1052.393, 1052.308, 1048.932
Exi. Ground Offset	-10.000, -9.630, -8.637, -2.782, -2.262, -1.814, -0.913, -0.651, 1.498, 2.218, 2.916, 5.017, 6.979

Chainage =47850.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 48			Sheet : 48 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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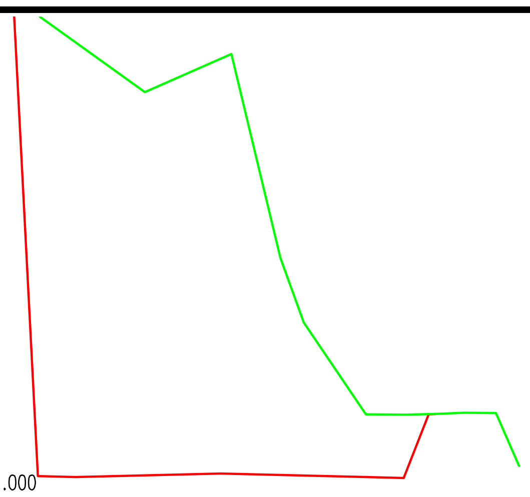
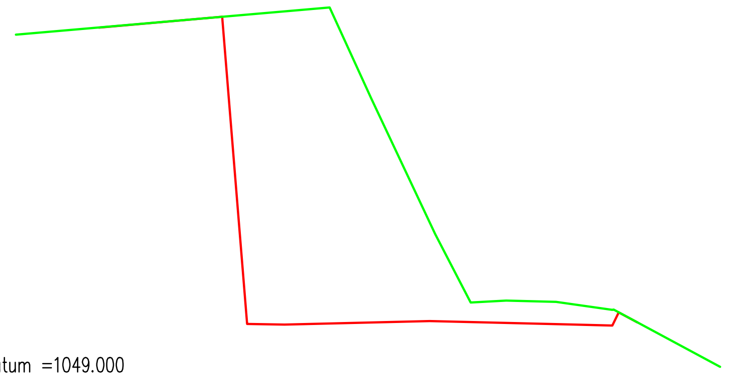
PH:0120-2400144



Level Datum =1051.000

Design Levels	1063.488	1051.953	1051.931	1052.018	1051.931	1051.908	1053.444	1053.449	
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.170	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	1061.200	1062.119	1057.211	1055.652	1053.440	1053.431	1053.447	1053.478	1053.474
Exi. Ground Offset	-1.832	0.252	1.429	1.992	3.487	4.455	5.111	5.862	6.619

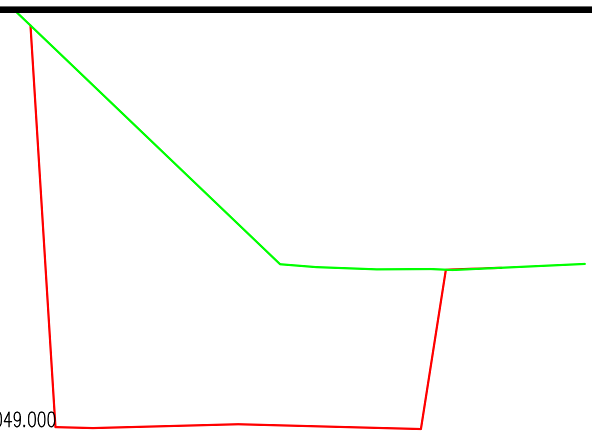
Chainage =47900.000



Level Datum =1049.000

Design Levels	1057.918	1058.176	1050.784	1050.762	1050.849	1050.762	1050.739	1051.056	1050.820
Design Offset	-7.967	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.558	5.000
Design Width	2.967	0.600	0.900	3.500	3.500	0.900	0.158		
Exi. Ground Levels	1058.401	1056.216	1052.944	1051.295	1051.343	1051.315	1051.122	1051.124	
Exi. Ground Offset	-2.414	-1.410	0.129	0.987	1.845	3.048	4.397	4.431	

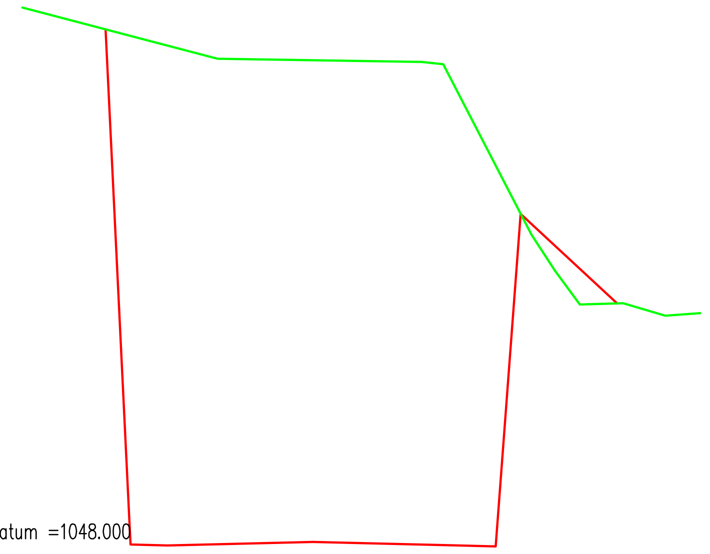
Chainage =48050.000



Level Datum =1049.000

Design Levels	1059.287	1049.615	1049.593	1049.680	1049.593	1049.570	1053.407	1053.454
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	6.342
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	1.342	
Exi. Ground Levels	1060.935	1053.536	1053.470	1053.410	1053.424	1053.399		
Exi. Ground Offset	-6.722	1.007	1.876	3.332	4.633	5.161		

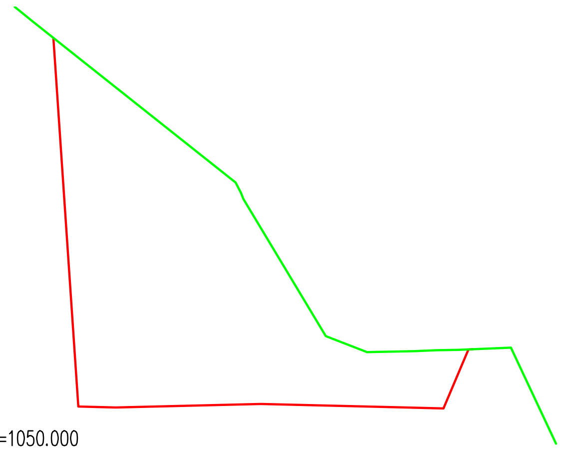
Chainage =48200.000



Level Datum =1048.000

Design Levels	1060.889	1048.480	1048.458	1048.545	1048.458	1048.435	1056.444	1054.288	
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	7.326	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	2.326		
Exi. Ground Levels	1060.178	1060.106	1060.076	1060.047	1055.939	1055.078	1054.265	1054.291	1053.995
Exi. Ground Offset	-2.298	2.616	2.905	3.151	5.262	5.822	6.425	7.463	8.480

Chainage =48350.000



Level Datum =1050.000

Design Levels	1060.442	1051.564	1051.541	1051.629	1051.541	1051.519	1052.936	1052.941	
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.111	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	1060.826	1056.955	1056.561	1053.260	1052.871	1052.897	1052.916	1052.924	1052.982
Exi. Ground Offset	-5.484	-0.605	-0.425	1.564	2.556	3.701	4.248	4.732	6.030

Chainage =47950.000

Level Datum =1050.000

Design Levels	1061.429	1050.395	1050.372	1050.460	1050.372	1050.350	1051.435	1051.424					
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.943	5.000					
Design Width	0.600	0.900	3.500	3.500	0.900	0.543							
Exi. Ground Levels	1062.917	1058.865	1057.695	1055.295	1055.284	1055.451	1054.259	1051.789	1051.620	1051.640	1051.423	1051.403	1051.383
Exi. Ground Offset	-6.569	-2.296	-1.788	-0.182	0.161	0.825	1.952	2.220	2.966	3.856	5.005	6.240	6.590

Chainage =48100.000

Level Datum =1045.000

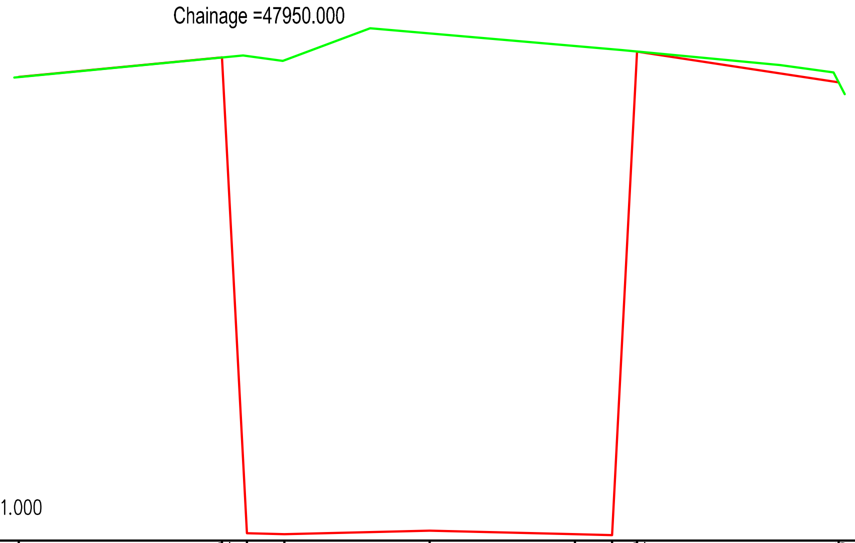
Design Levels	1060.496	1049.226	1049.203	1049.291	1049.203	1049.181	1052.669	1051.280
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.450
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.450	
Exi. Ground Levels	1060.578	1058.036	1056.987	1056.988	1053.589	1053.591		
Exi. Ground Offset	-5.148	-0.558	0.490	0.779	4.235	4.701		

Chainage =48250.000

Level Datum =1050.000

Design Levels	1062.607	1050.171	1050.149	1050.236	1050.149	1050.126	1052.521	1052.538	
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.606	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.606		
Exi. Ground Levels	1063.623	1062.925	1061.659	1058.778	1056.544	1055.825	1052.491	1052.544	1052.361
Exi. Ground Offset	-6.969	-5.822	-2.547	1.707	2.034	2.725	4.256	5.570	6.651

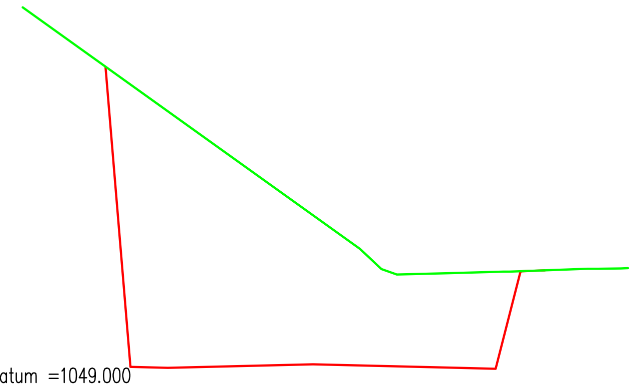
Chainage =48400.000



Level Datum =1051.000

Design Levels	1062.163	1062.632	1051.174	1051.151	1051.239	1051.151	1051.129	1062.772	1062.036
Design Offset	-9.894	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	9.853
Design Width	4.894	0.600	0.900	3.500	3.500	0.900	0.600	4.853	
Exi. Ground Levels	1062.153	1062.681	1062.547	1063.339	1062.808	1062.452	1062.274	1061.752	
Exi. Ground Offset	-10.000	-4.493	-3.536	-1.429	4.618	8.446	9.730	10.000	

Chainage =48000.000



Level Datum =1049.000

Design Levels	1057.241	1050.005	1049.982	1050.070	1049.982	1049.960	1052.311	1052.332	
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.586	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.586		
Exi. Ground Levels	1052.849	1052.363	1052.235	1052.265	1052.303	1052.301	1052.369	1052.374	1052.382
Exi. Ground Offset	1.134	1.649	2.020	3.224	4.583	4.733	6.612	6.872	7.417

Chainage =48150.000

Level Datum =1048.000

Design Levels	1060.518	1048.836	1048.813	1048.901	1048.813	1048.791	1053.566	1053.558	
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	6.783	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	1.783		
Exi. Ground Levels	1060.723	1060.380	1060.116	1059.075	1055.326	1053.959	1053.710	1053.571	1053.571
Exi. Ground Offset	-5.459	-4.690	-4.101	-3.382	-0.825	2.925	3.147	3.661	3.929

Chainage =48300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section
Chainage :-
Drawing No. :- AIPPL/BRO/DPR/CS/ 49
Sheet : 49 of End
Scale :- NTS
Drng. | Dgn.by | Appd.by
Date: OCT-2021

CONSULTANT:
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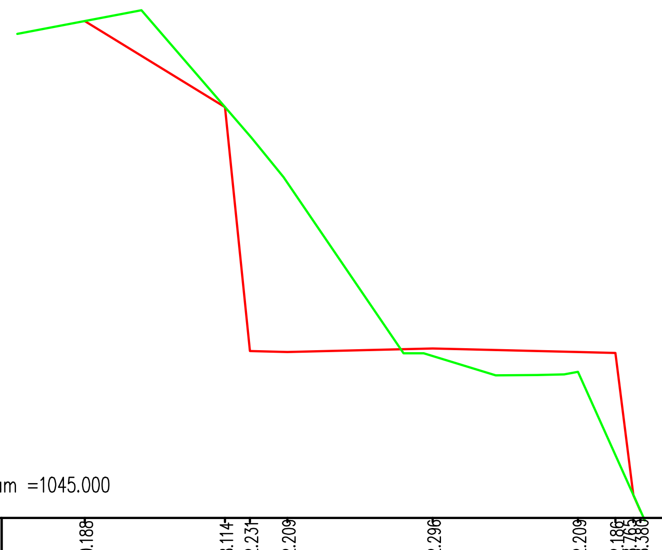
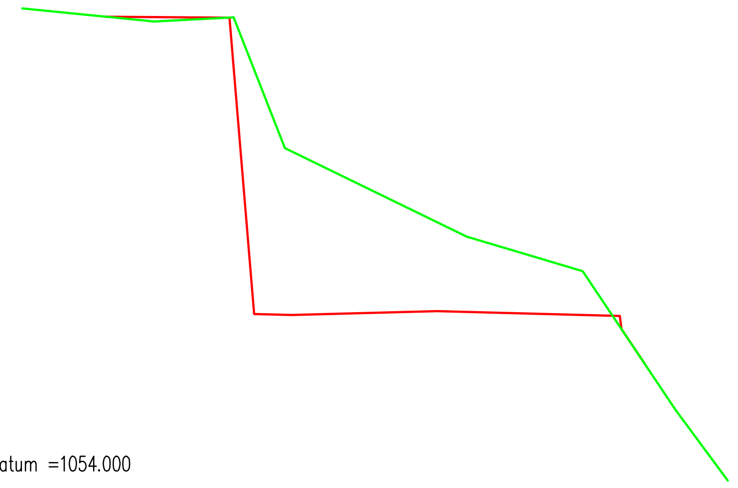


Level Datum =1045.000

Design Levels	1060.188, 1058.114, 1052.231, 1052.209, 1052.296, 1052.209, 1052.186, 1048.765, 1048.380
Design Offset	-8.378, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.828, 5.000
Design Width	3.378, 0.600, 0.900, 3.500, 3.500, 0.900, 0.428
Exi. Ground Levels	1059.876, 1060.450, 1059.899, 1057.376, 1056.425, 1052.181, 1052.178, 1051.648, 1051.658, 1051.671, 1051.735, 1045.351
Exi. Ground Offset	-10.000, -7.014, -6.535, -4.366, -3.592, -0.701, -0.220, 1.519, 2.511, 3.168, 3.497, 6.358

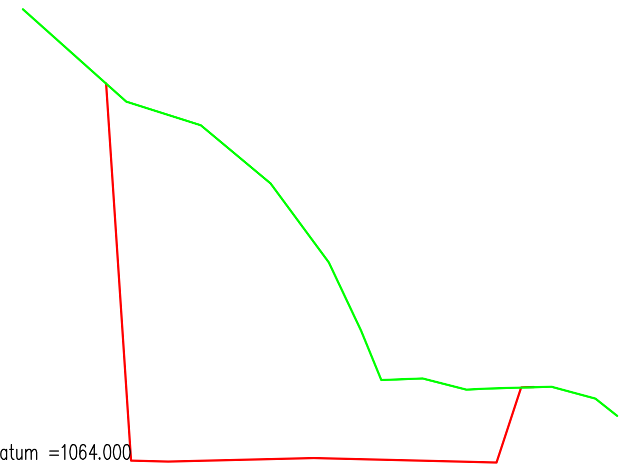
Chainage =48450.000



Level Datum =1054.000

Design Levels	1065.574, 1065.552, 1058.411, 1058.388, 1058.476, 1058.388, 1058.366, 1058.045, 1057.207
Design Offset	-7.982, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.440, 5.000
Design Width	2.982, 0.600, 0.900, 3.500, 3.500, 0.900, 0.040
Exi. Ground Levels	1065.458, 1065.558, 1062.406, 1060.272, 1059.440, 1056.095
Exi. Ground Offset	-6.810, -4.894, -3.661, 0.716, 3.508, 5.743

Chainage =48600.000



Level Datum =1064.000

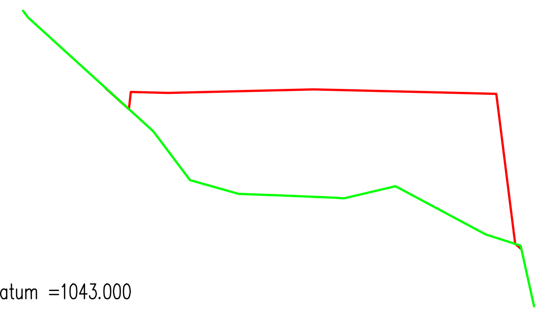
Design Levels	1073.679, 1064.590, 1064.568, 1064.655, 1064.568, 1064.545, 1066.352, 1066.361
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.308
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.308
Exi. Ground Levels	1073.244, 1072.673, 1071.275, 1069.370, 1067.720, 1066.532, 1066.570, 1066.303, 1066.322, 1066.341, 1066.373, 1066.088
Exi. Ground Offset	-4.516, -2.715, -1.035, 0.367, 1.145, 1.629, 2.623, 3.680, 4.123, 4.618, 5.726, 6.782

Chainage =48750.000

Level Datum =1063.000

Design Levels	1069.512, 1068.409, 1069.296, 1069.274, 1069.361, 1069.274, 1069.251, 1064.749, 1064.726
Design Offset	-5.000, -4.511, -4.400, -3.500, -0.000, 3.500, 4.400, 4.963, 5.000
Design Width	0.489, 0.900, 3.500, 3.500, 0.900, 0.563
Exi. Ground Levels	1074.548, 1073.577, 1067.700, 1065.651, 1065.618, 1065.518, 1065.515, 1065.433, 1065.411
Exi. Ground Offset	-6.900, -6.860, -4.198, -0.119, 0.014, 1.350, 1.465, 3.816, 3.877

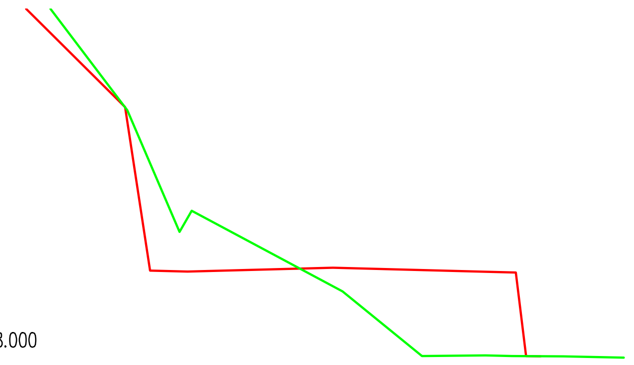
Chainage =48900.000



Level Datum =1043.000

Design Levels	1054.378, 1053.878, 1054.291, 1054.268, 1054.356, 1054.268, 1054.246, 1050.631, 1050.502
Design Offset	-5.000, -4.452, -4.400, -3.500, -0.000, 3.500, 4.400, 4.852, 5.000
Design Width	0.548, 0.900, 3.500, 3.500, 0.900, 0.452
Exi. Ground Levels	1056.085, 1053.342, 1052.168, 1051.838, 1051.794, 1051.741, 1051.727, 1052.019, 1050.854, 1050.590, 1046.301, 1044.859
Exi. Ground Offset	-6.875, -3.863, -2.979, -1.803, -0.767, 0.508, 0.733, 1.968, 4.142, 4.981, 5.928, 6.429

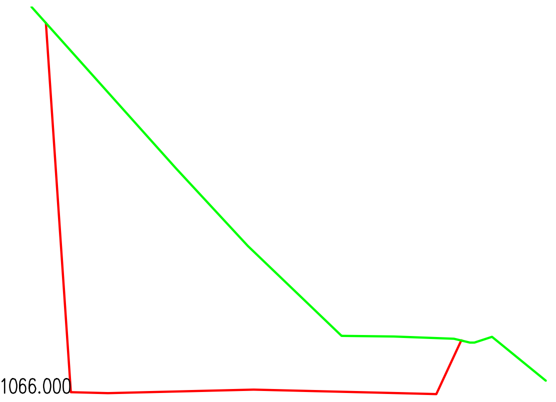
Chainage =48500.000



Level Datum =1058.000

Design Levels	1067.125, 1064.404, 1060.471, 1060.448, 1060.536, 1060.448, 1060.426, 1058.412, 1058.408
Design Offset	-7.727, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.652, 5.000
Design Width	2.727, 0.600, 0.900, 3.500, 3.500, 0.900, 0.252
Exi. Ground Levels	1066.872, 1064.333, 1061.401, 1061.912, 1059.968, 1058.414, 1058.430, 1058.422, 1058.415, 1058.402
Exi. Ground Offset	-6.868, -4.946, -3.688, -3.394, 0.231, 2.144, 3.673, 4.002, 4.310, 5.542

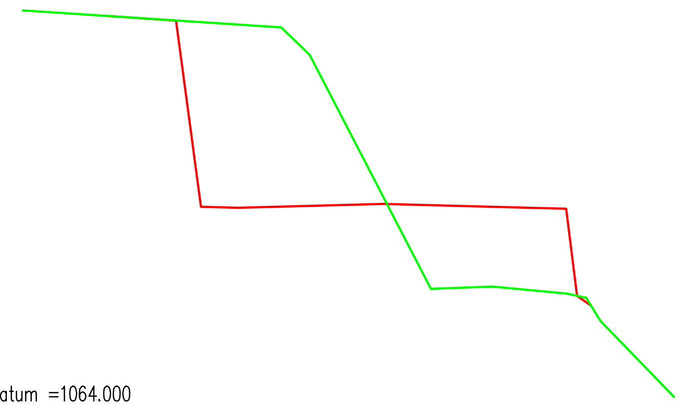
Chainage =48650.000



Level Datum =1066.000

Design Levels	1075.543, 1066.650, 1066.628, 1066.715, 1066.628, 1066.605, 1067.897, 1067.886
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.041
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1077.337, 1072.041, 1070.176, 1068.008, 1067.995, 1067.941, 1067.843, 1067.845, 1067.985
Exi. Ground Offset	-6.602, -1.874, -0.135, 2.124, 3.379, 4.824, 5.272, 5.316, 5.747

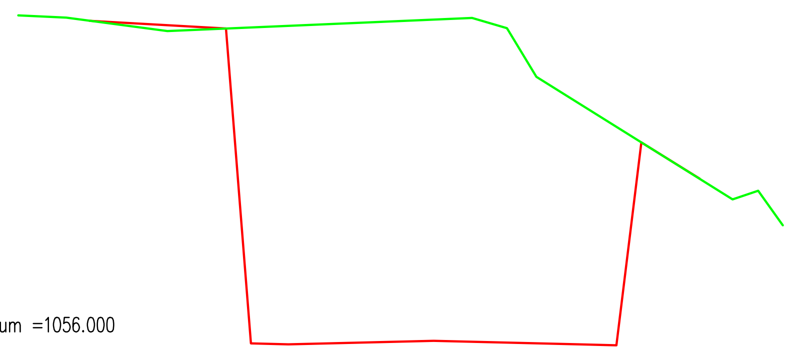
Chainage =48800.000



Level Datum =1064.000

Design Levels	1073.885, 1073.774, 1069.296, 1069.274, 1069.361, 1069.274, 1069.251, 1067.135, 1066.920
Design Offset	-6.695, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.662, 5.000
Design Width	1.695, 0.600, 0.900, 3.500, 3.500, 0.900, 0.262
Exi. Ground Levels	1073.607, 1072.943, 1067.323, 1067.377, 1067.207, 1067.112, 1067.112, 1066.548
Exi. Ground Offset	-2.467, -1.776, 1.142, 2.627, 4.438, 4.833, 4.987, 5.226

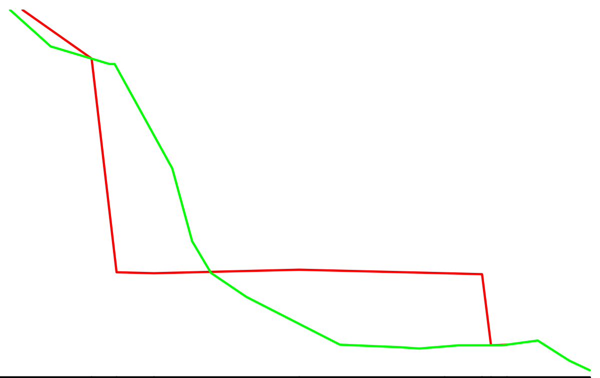
Chainage =48950.000



Level Datum =1056.000

Design Levels	1064.121, 1063.931, 1056.351, 1056.328, 1056.416, 1056.328, 1056.306, 1061.193, 1060.317
Design Offset	-8.285, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.405
Design Width	3.285, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.405
Exi. Ground Levels	1064.249, 1064.197, 1063.869, 1064.191, 1063.940, 1062.770, 1059.822, 1060.025, 1059.410
Exi. Ground Offset	-10.000, -8.844, -6.414, 0.921, 1.760, 2.472, 7.198, 7.814, 8.250

Chainage =48550.000



Level Datum =1060.000

Design Levels	1069.811, 1067.668, 1062.530, 1062.508, 1062.595, 1062.508, 1062.485, 1060.773, 1060.786
Design Offset	-8.040, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.614, 5.000
Design Width	3.040, 0.600, 0.900, 3.500, 3.500, 0.900, 0.214
Exi. Ground Levels	1071.576, 1067.961, 1067.541, 1067.536, 1065.026, 1063.282, 1062.515, 1061.939, 1060.788, 1060.728, 1060.712, 1060.696, 1060.777, 1060.771, 1060.887, 1060.404
Exi. Ground Offset	-10.000, -5.986, -4.573, -4.449, -3.062, -2.586, -2.127, -1.273, 0.978, 2.441, 2.649, 2.889, 3.839, 4.889, 5.743, 6.501

Chainage =48700.000

Level Datum =1066.000

Design Levels	1079.240, 1076.537, 1068.710, 1068.687, 1068.775, 1068.687, 1068.665, 1068.670, 1067.920
Design Offset	-9.665, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.403, 5.000
Design Width	4.665, 0.600, 0.900, 3.500, 3.500, 0.900, 0.003
Exi. Ground Levels	1079.518, 1076.904, 1075.890, 1072.208, 1070.630, 1070.285, 1069.204, 1067.152, 1066.736
Exi. Ground Offset	-10.000, -6.845, -1.748, -0.047, 2.120, 3.007, 3.979, 5.610, 5.818

Chainage =48850.000

Level Datum =1062.000

Design Levels	1074.324, 1072.488, 1069.038, 1069.015, 1069.103, 1069.015, 1068.993, 1068.974, 1066.291
Design Offset	-7.043, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.652, 5.000
Design Width	2.043, 0.600, 0.900, 3.500, 3.500, 0.900, 0.252
Exi. Ground Levels	1069.941, 1069.186, 1067.834, 1067.876, 1067.892, 1067.877, 1067.870, 1064.510
Exi. Ground Offset	-2.167, 0.225, 1.187, 2.023, 2.656, 3.295, 4.196, 5.907

Chainage =49000.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 50		Sheet : 50 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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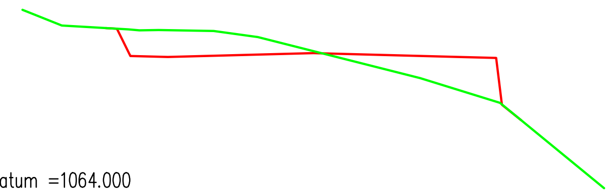
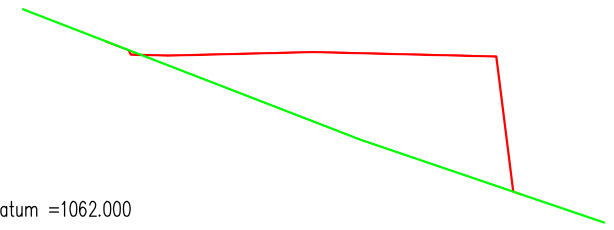


Level Datum =1064.000

Design Levels	1068.451, 1068.436, 1067.779, 1067.757, 1067.844, 1067.757, 1067.734, 1066.609, 1066.234
Design Offset	−5.000, −4.728, −4.400, −3.500, −0.000, 3.500, 4.400, 4.541, 5.000
Design Width	0.272, 0.900, 3.500, 3.500, 0.900, 0.141
Exi. Ground Levels	1068.510, 1068.420, 1068.394, 1068.401, 1068.381, 1068.236, 1067.246, 1066.651
Exi. Ground Offset	−6.051, −4.446, −4.186, −3.724, −2.398, −1.338, 2.574, 4.489

Chainage =49050.000



Level Datum =1062.000

Design Levels	1066.841, 1066.630, 1066.521, 1066.499, 1066.586, 1066.499, 1066.476, 1063.216, 1063.150
Design Offset	−5.000, −4.454, −4.400, −3.500, 0.000, 3.500, 4.400, 4.808, 5.000
Design Width	0.546, 0.900, 3.500, 3.500, 0.900, 0.408
Exi. Ground Levels	1064.463
Exi. Ground Offset	1.142

Chainage =49100.000

Level Datum =1065.000

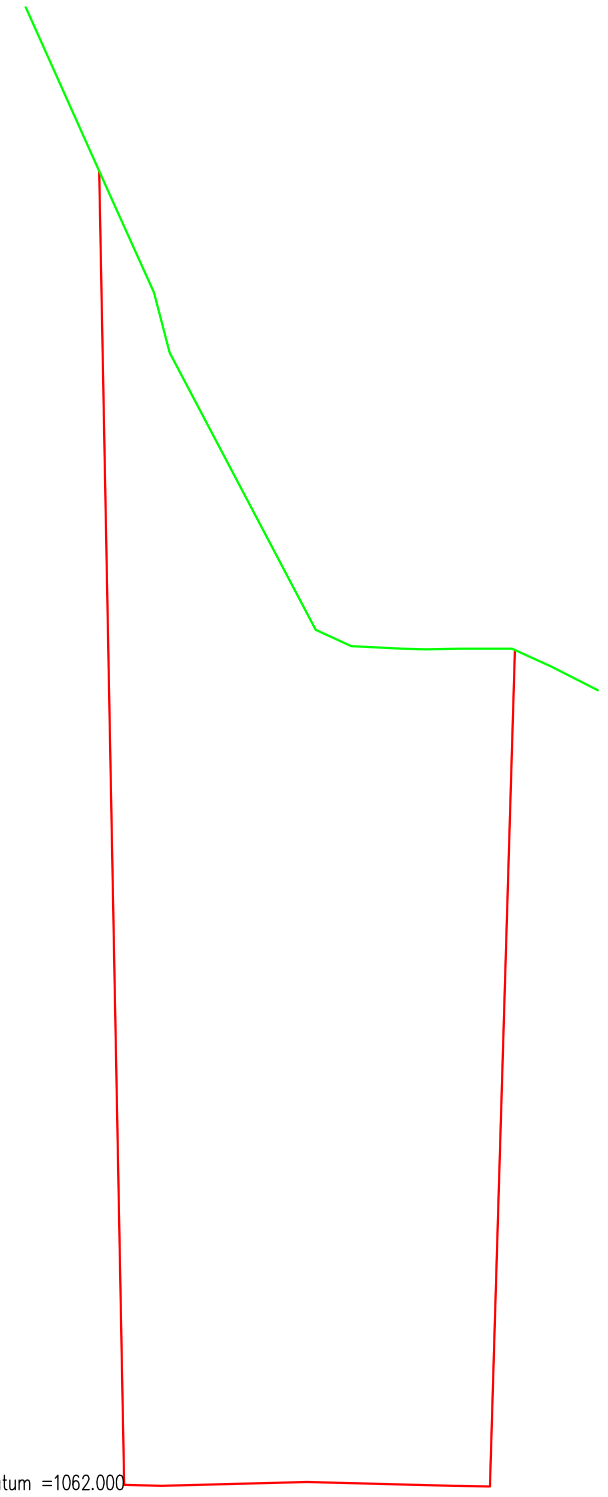
Design Levels	1087.095, 1065.263, 1065.240, 1065.328, 1065.240, 1065.218, 1075.612, 1072.235
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 7.909
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.909
Exi. Ground Levels	1090.306, 1087.455, 1086.436, 1081.462, 1078.025, 1078.010, 1077.947, 1077.920, 1077.829, 1077.830, 1070.897
Exi. Ground Offset	−6.618, −5.671, −3.776, −2.315, −0.450, −0.008, 1.288, 1.581, 3.017, 3.090, 9.061

Chainage =49150.000

Level Datum =1063.000

Design Levels	1091.483, 1064.004, 1063.982, 1064.069, 1063.982, 1063.959, 1080.734, 1071.502
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 8.172
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.172
Exi. Ground Levels	1089.647, 1086.119, 1085.989, 1082.777, 1081.887, 1081.828, 1081.307, 1081.307, 1081.337, 1075.573, 1068.248
Exi. Ground Offset	−2.605, −1.270, −0.214, 0.752, 1.382, 2.295, 3.184, 3.418, 4.897, 5.885, 10.000

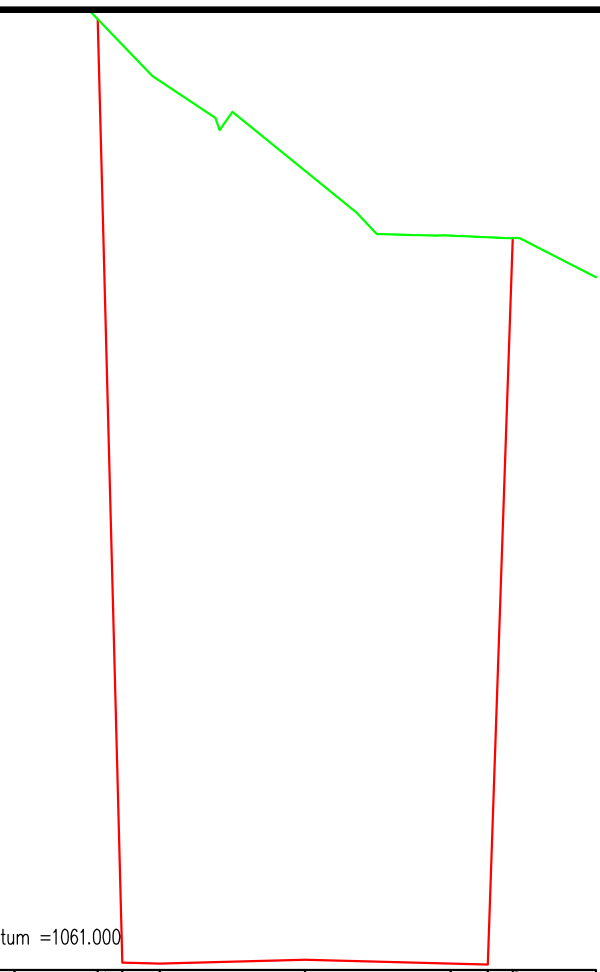
Chainage =49200.000



Level Datum =1062.000

Design Levels	1094.395, 1062.746, 1062.723, 1062.811, 1062.723, 1062.701, 1082.858
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1098.542, 1093.825, 1091.466, 1090.014, 1083.342, 1082.946, 1082.885, 1082.872, 1082.886, 1082.888, 1082.446
Exi. Ground Offset	−6.858, −4.745, −3.680, −3.302, 0.207, 1.067, 2.300, 2.843, 3.673, 4.934, 5.898

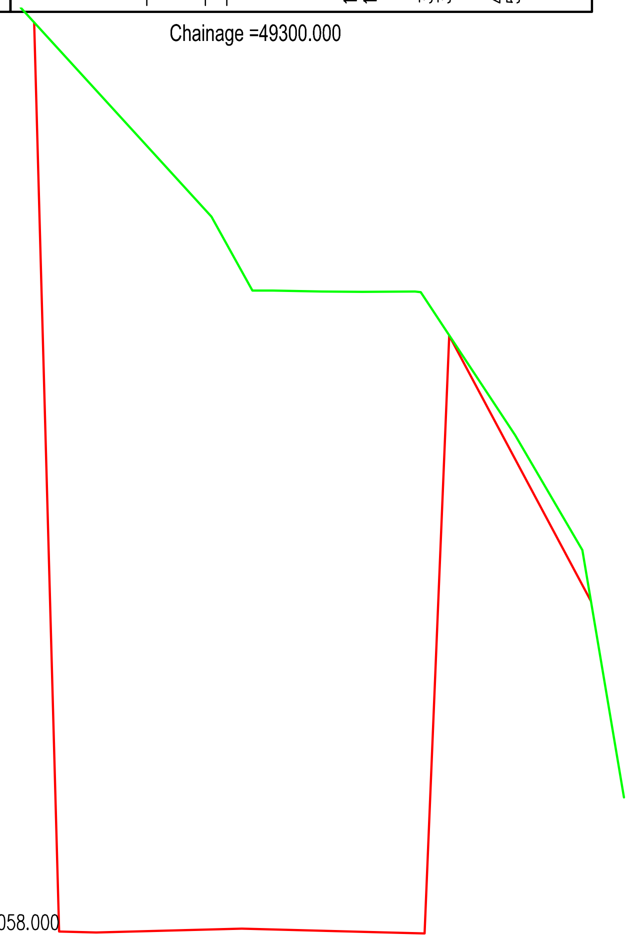
Chainage =49250.000



Level Datum =1061.000

Design Levels	1084.222, 1061.487, 1061.465, 1061.552, 1061.465, 1061.442, 1078.945
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1082.845, 1081.836, 1081.984, 1079.557, 1079.040, 1079.002, 1079.001, 1078.939, 1078.936
Exi. Ground Offset	−3.679, −2.160, −1.751, 1.238, 1.720, 3.174, 3.501, 4.905, 5.165

Chainage =49300.000



Level Datum =1058.000

Design Levels	1082.130, 1060.229, 1060.206, 1060.294, 1060.206, 1060.184, 1074.583, 1068.195
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 8.406
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.406
Exi. Ground Levels	1077.447, 1075.670, 1075.668, 1075.644, 1075.635, 1075.643, 1075.626, 1072.184, 1069.419, 1058.772
Exi. Ground Offset	−0.729, 0.256, 0.750, 1.923, 2.911, 4.173, 4.310, 6.588, 8.199, 10.000

Chainage =49350.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 51			Sheet : 51 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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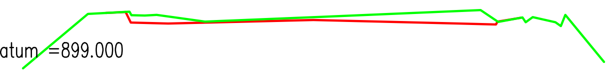
PH:0120-2400144

Level Datum =1058.000

Row	Values
Design Levels	1088.006, 1058.971, 1058.948, 1059.036, 1058.948, 1058.926, 1076.017
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	1081.608, 1078.636, 1077.569, 1075.574, 1075.045
Exi. Ground Offset	-1.039, 2.544, 3.266, 5.495, 5.906

Chainage =49400.000



Level Datum =899.000

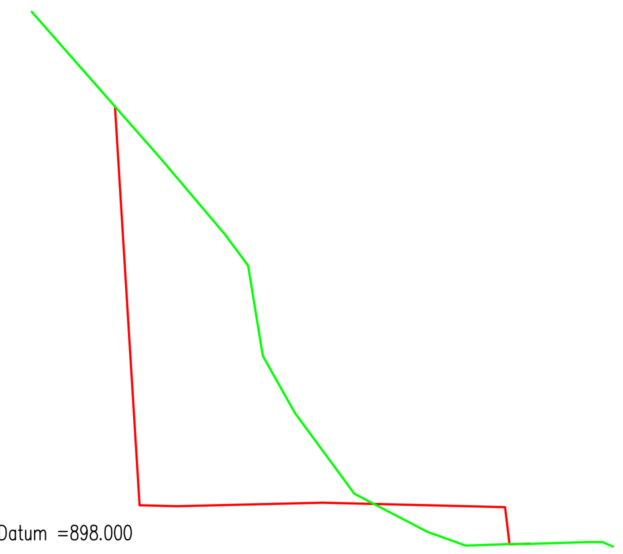
Row	Values
Design Levels	900.686, 900.712, 900.457, 900.434, 900.522, 900.434, 900.412, 900.483, 900.571
Design Offset	-5.000, -4.527, -4.400, -3.500, 0.000, 3.500, 4.400, 4.435, 5.000
Design Width	0.473, 0.900, 3.500, 3.500, 0.900, 0.035
Exi. Ground Levels	900.663, 900.717, 900.630, 900.643, 900.478, 900.596, 900.755, 900.474, 900.577, 900.585, 900.462, 900.639
Exi. Ground Offset	-5.438, -4.431, -4.061, -3.781, -2.612, 0.222, 4.028, 4.448, 5.037, 5.280, 5.828, 6.069

Chainage =52750.000

Level Datum =900.000

Row	Values
Design Levels	925.488, 900.156, 900.134, 900.221, 900.134, 900.111, 913.328, 906.719
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 7.704
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.704
Exi. Ground Levels	925.698, 914.119, 912.069, 909.898, 905.566, 904.126
Exi. Ground Offset	-5.173, 4.353, 6.030, 6.749, 8.050, 8.753

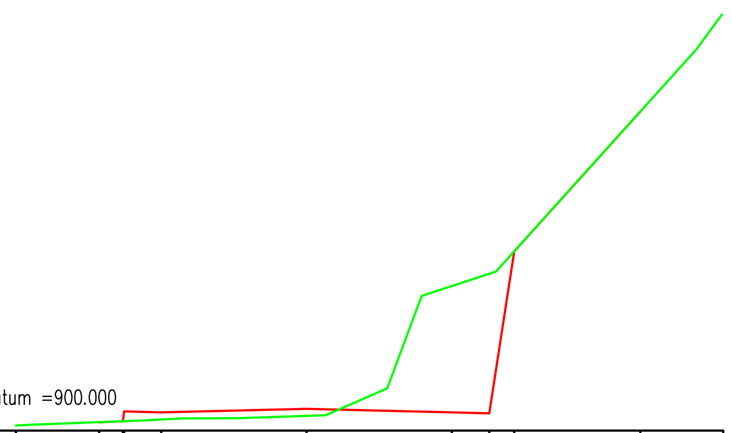
Chainage =52850.000



Level Datum =898.000

Row	Values
Design Levels	909.071, 899.457, 899.434, 899.522, 899.434, 899.412, 898.521, 898.530
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.511, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.111
Exi. Ground Levels	907.785, 905.981, 905.231, 903.057, 901.683, 899.738, 898.815, 898.489, 898.523, 898.528, 898.568, 898.573
Exi. Ground Offset	-3.868, -2.343, -1.788, -1.431, -0.667, 0.772, 2.530, 3.453, 4.567, 4.923, 6.411, 6.741

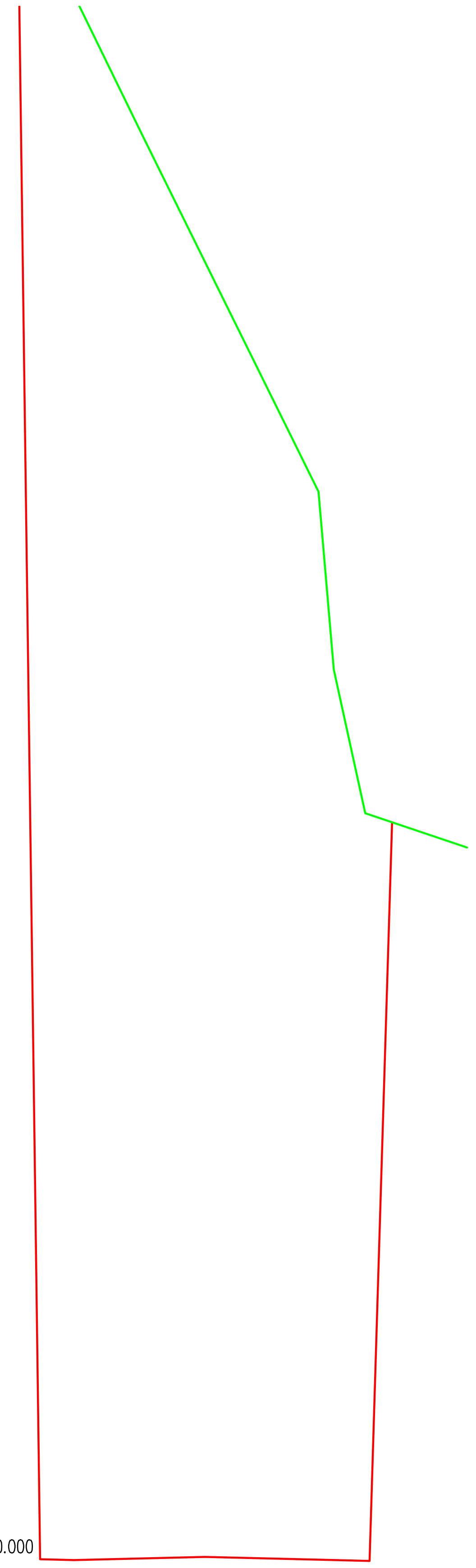
Chainage =52950.000



Level Datum =900.000

Row	Values
Design Levels	900.200, 900.222, 900.457, 900.434, 900.522, 900.434, 900.412, 904.311, 907.680
Design Offset	-5.000, -4.429, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 8.034
Design Width	0.571, 0.900, 3.500, 3.500, 0.900, 0.600, 3.034
Exi. Ground Levels	900.141, 900.244, 900.287, 900.295, 900.367, 901.011, 903.240, 903.826, 909.171, 910.019
Exi. Ground Offset	-6.494, -3.887, -2.997, -1.625, 0.460, 1.941, 2.771, 4.563, 9.377, 10.000

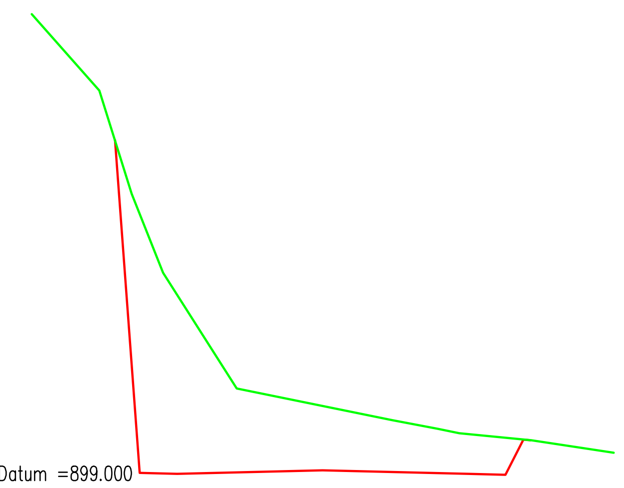
Chainage =52700.000



Level Datum =900.000

Row	Values
Design Levels	945.340, 900.457, 900.434, 900.522, 900.434, 900.412, 920.155
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	947.163, 938.500, 928.997, 924.236, 920.396
Exi. Ground Offset	-5.891, -1.654, 3.038, 3.445, 4.284

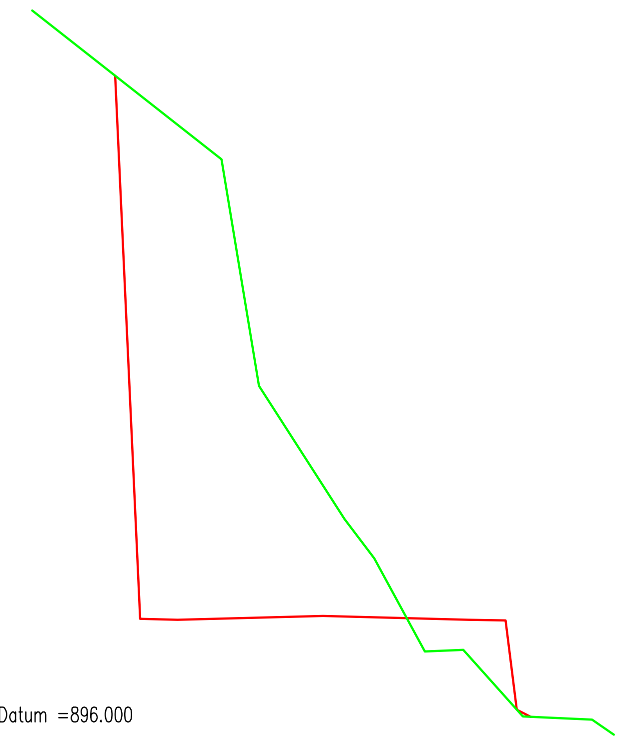
Chainage =52800.000



Level Datum =899.000

Row	Values
Design Levels	907.833, 899.806, 899.784, 899.871, 899.784, 899.761, 900.612, 900.595
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.825, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.425
Exi. Ground Levels	909.028, 906.539, 904.636, 901.848, 901.084, 900.869, 900.763, 900.593
Exi. Ground Offset	-5.373, -4.596, -3.841, -2.069, 1.668, 2.766, 3.286, 5.024

Chainage =52900.000



Level Datum =896.000

Row	Values
Design Levels	912.182, 899.107, 899.085, 899.172, 899.085, 899.062, 896.915, 896.744
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.668, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.268
Exi. Ground Levels	910.168, 904.716, 901.508, 900.563, 898.320, 898.354, 896.752, 896.731, 896.676
Exi. Ground Offset	-2.441, -1.541, 0.521, 1.234, 2.454, 3.378, 4.815, 5.301, 6.479

Chainage =53000.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 52		Sheet : 52 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
Flat No, - 68, Ajanta Apartment, 36, I.P Extension
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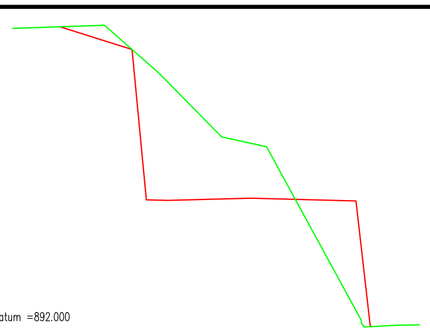
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144

Level Datum =894.000

Design Levels			-5.000 906.700	-4.400 898.757		-3.500 898.735			-0.000 898.822			3.500 898.735		4.400 898.712	4.700 898.846	5.000 898.846
Design Offset			-5.000	-4.400		-3.500			-0.000			3.500		4.400	4.700	5.000
Design Width			0.600	0.900		3.500			3.500			0.900		0.358		
Exi. Ground Levels	907.937	907.372										901.333		895.863	895.741	893.246
Exi. Ground Offset	-6.114	-6.004										3.019		4.628	5.686	5.755

Chainage =53050.000



Level Datum =892.000

Design Levels		-8.031 904.971		-5.000 904.018	-4.400 897.708	-3.500 897.686			-0.000 897.773			3.500 897.686		4.400 897.663	5.000 892.388
Design Offset		-8.031		-5.000	-4.400	-3.500			-0.000			3.500		4.400	5.000
Design Width			3.031	0.600	0.900		3.500			3.500			0.900	0.600	
Exi. Ground Levels	904.388		905.634			903.016			900.348		899.937			892.592	892.399	
Exi. Ground Offset	-10.000		-6.157			-3.860			-1.240		0.647			4.613	5.273	

Chainage =53200.000

Level Datum =888.000

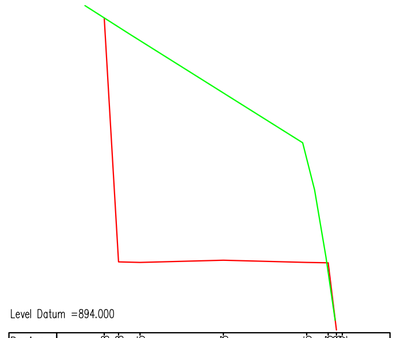
Design Levels		-5.031 898.106	-5.000 898.083	-4.400 896.844	-3.500 896.821			0.000 896.909			3.500 896.821		4.400 896.799	5.000 889.708
Design Offset		-5.031	-5.000	-4.400	-3.500			0.000			3.500		4.400	5.000
Design Width		0.031	0.900		3.500		3.500				0.900	0.600	0.364	
Exi. Ground Levels	899.097				895.486	894.684	894.197		892.333		890.232	889.874			
Exi. Ground Offset	-6.343				-1.563	-0.971	-0.380		1.345		3.360	3.764	4.180	5.775	6.881

Chainage =53350.000

Level Datum =890.000

Design Levels			-9.412 908.529			-5.000 904.026	-4.400 898.506	-3.500 898.483			-0.000 898.571			3.500 898.483	4.400 898.461	5.000 890.775
Design Offset			-9.412			-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000
Design Width				4.412		0.600	0.900		3.500				3.500			0.361
Exi. Ground Levels	909.061										899.262	898.141		895.421	890.743	
Exi. Ground Offset	-10.000			-7.297		-5.902	-4.058				-0.347	0.078		1.157	2.853	

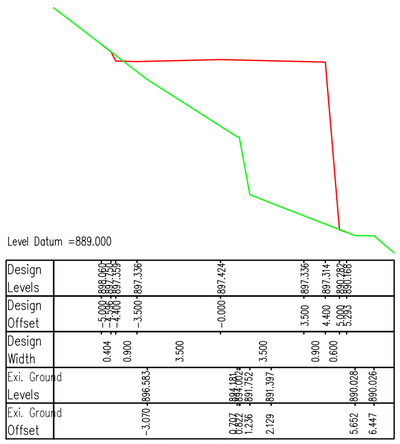
Chainage =53500.000



Level Datum =894.000

Design Levels			-5.000 908.649	-4.400 898.408		-3.500 898.395			-0.000 898.473			3.500 898.395		4.400 898.353	4.700 898.488	5.000 891.922
Design Offset			-5.000	-4.400		-3.500			-0.000			3.500		4.400	4.700	5.000
Design Width			0.600	0.900		3.500			3.500			0.900		0.352		
Exi. Ground Levels	910.083	909.285										903.406		898.603	894.537	898.851
Exi. Ground Offset	-6.758	-5.999										3.332		3.829	4.307	4.899

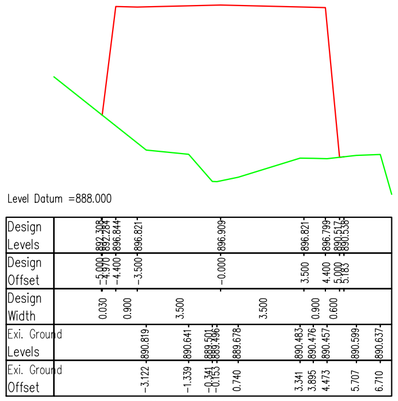
Chainage =53100.000



Level Datum =889.000

Design Levels			-5.000 889.260	-4.400 897.359		-3.500 897.336			-0.000 897.424			3.500 897.336		4.400 897.314	5.000 890.782
Design Offset			-5.000	-4.400		-3.500			-0.000			3.500		4.400	5.000
Design Width		0.404	0.900		3.500			3.500			0.900	0.600			
Exi. Ground Levels					896.583			894.481	891.752	891.397				890.028	890.026	
Exi. Ground Offset					-3.070			0.727	1.256	2.129				5.652	6.447	

Chainage =53250.000



Level Datum =888.000

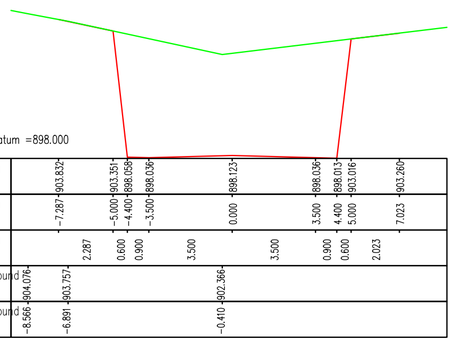
Design Levels			-5.000 888.288	-4.400 896.844		-3.500 896.821			-0.000 896.909			3.500 896.821		4.400 896.799	5.000 890.535
Design Offset			-5.000	-4.400		-3.500			-0.000			3.500		4.400	5.000
Design Width		0.030	0.900		3.500			3.500			0.900	0.600			
Exi. Ground Levels					890.819		890.641	889.501	889.396					890.483	890.476	890.457
Exi. Ground Offset					-3.122		-1.339	0.741	0.853					3.341	3.895	4.473

Chainage =53400.000

Level Datum =890.000

Design Levels			-7.451 904.651		-5.000 902.256	-4.400 898.550	-3.500 898.528			-0.000 898.615			3.500 898.528	4.400 898.505	5.000 891.411
Design Offset			-7.451		-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000
Design Width				2.451	0.600	0.900		3.500			3.500				
Exi. Ground Levels	904.927								894.878	894.593	896.498	896.729	896.859		891.380	
Exi. Ground Offset	-7.717				-5.679	-3.282			0.266	0.281	0.431	1.512	1.661		2.907	

Chainage =53550.000



Level Datum =898.000

Design Levels			-7.287 903.820		-5.000 903.351	-4.400 898.058	-3.500 898.036			0.000 898.123			3.500 898.036		4.400 898.013	5.000 903.016		7.023 903.260
Design Offset			-7.287		-5.000	-4.400	-3.500			0.000			3.500		4.400	5.000		7.023
Design Width				2.287	0.600	0.900		3.500			3.500			0.900	0.600		2.023	
Exi. Ground Levels	904.076	903.757							902.366									
Exi. Ground Offset	-8.566	-6.891							-0.410									

Chainage =53150.000

Level Datum =888.000

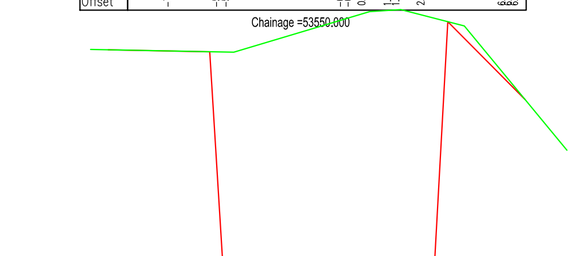
Design Levels			-5.000 897.705	-4.400 896.673		-3.500 896.967			0.000 897.074			3.500 896.967		4.400 896.964	5.000 888.553
Design Offset			-5.000	-4.400		-3.500			0.000			3.500		4.400	5.000
Design Width		0.533	0.900		3.500			3.500			0.900	0.600			
Exi. Ground Levels					891.698		888.973	888.973								
Exi. Ground Offset					-0.569		1.135	1.135								

Chainage =53300.000

Level Datum =889.000

Design Levels			-6.325 901.282		-5.000 898.080	-4.400 897.433	-3.500 897.410			0.000 897.498			3.500 897.410		4.400 897.388	5.000 891.141
Design Offset			-6.325		-5.000	-4.400	-3.500			0.000			3.500		4.400	5.000
Design Width				1.325	0.600	0.900		3.500			3.500			0.900	0.600	
Exi. Ground Levels	903.421	902.869					894.085	892.541		892.331		891.904		891.395		
Exi. Ground Offset	-7.757	-6.981					-3.347	-2.347		-0.457		0.224		4.223		

Chainage =53450.000



Level Datum =898.000

Design Levels			-9.260 908.536			-5.000 908.452	-4.400 898.816	-3.500 898.793			-0.000 898.881			3.500 898.793	4.400 898.771	5.000 909.717		8.239 906.449
Design Offset			-9.260			-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000		8.239
Design Width				4.260		0.600	0.900		3.500				3.500			0.600	3.239	
Exi. Ground Levels	908.550										901.137		901.227					
Exi. Ground Offset	-10.000					-3.989	9.432				1.715		3.027					

Chainage =53600.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 53	Sheet :	53 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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Level Datum =899.000

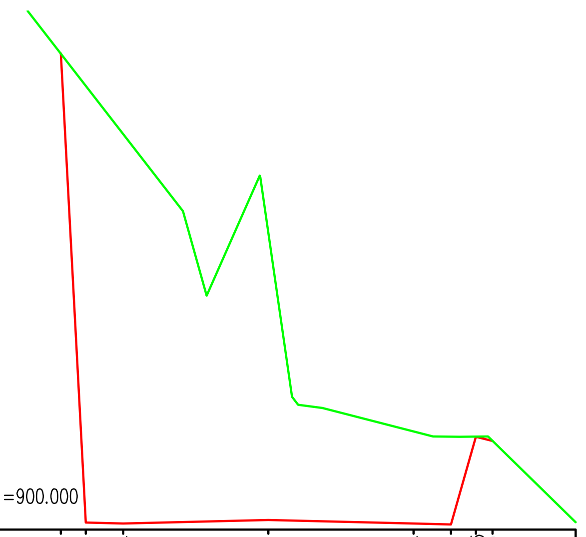
Row	Values
Design Levels	913.999, 899.086, 899.063, 899.151, 899.063, 899.041, 908.081, 903.895
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.827
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.827
Exi. Ground Levels	916.054, 913.954, 909.859, 911.601, 910.175, 906.007, 909.441, 905.064, 903.436, 903.446, 903.430
Exi. Ground Offset	-5.551, -4.988, 1.387, 2.951, 3.820, 4.372, 5.412, 6.137, 7.097, 7.443, 7.731

Chainage =53650.000

Level Datum =899.000

Row	Values
Design Levels	919.860, 899.626, 899.603, 899.691, 899.603, 899.581, 909.452, 908.564
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.892
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.892
Exi. Ground Levels	917.561, 915.396, 912.061, 911.748, 909.442, 909.520, 909.462, 908.397, 908.399, 909.531, 908.475, 907.421
Exi. Ground Offset	-2.929, -1.455, 2.724, 2.748, 3.992, 4.611, 4.739, 6.339, 6.431, 7.623, 9.008, 10.000

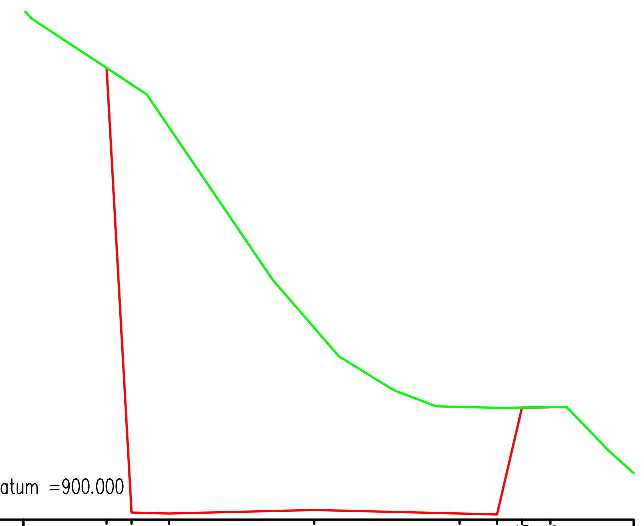
Chainage =53750.000



Level Datum =900.000

Row	Values
Design Levels	911.465, 900.166, 900.144, 900.231, 900.144, 900.121, 902.235, 902.129
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.404
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.404
Exi. Ground Levels	913.392, 907.670, 905.634, 908.521, 908.473, 903.196, 903.007, 902.929, 902.237, 902.231, 902.239
Exi. Ground Offset	-6.494, -2.059, -1.484, -0.204, -0.193, 0.575, 0.719, 1.304, 3.969, 4.612, 5.292

Chainage =53850.000



Level Datum =900.000

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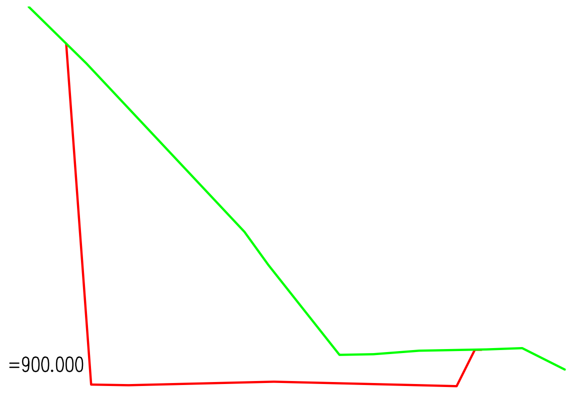
Design Levels	910.875, 900.166, 900.143, 900.231, 900.143, 900.121, 902.693, 902.706
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.693
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.693
Exi. Ground Levels	912.055, 910.239, 907.279, 905.772, 903.928, 903.112, 902.727, 902.684, 902.710, 902.702, 901.643
Exi. Ground Offset	-6.785, -4.038, -2.025, -1.001, 0.595, 1.919, 2.941, 4.499, 5.884, 6.085, 7.100

Chainage =54000.000



Level Datum =900.000

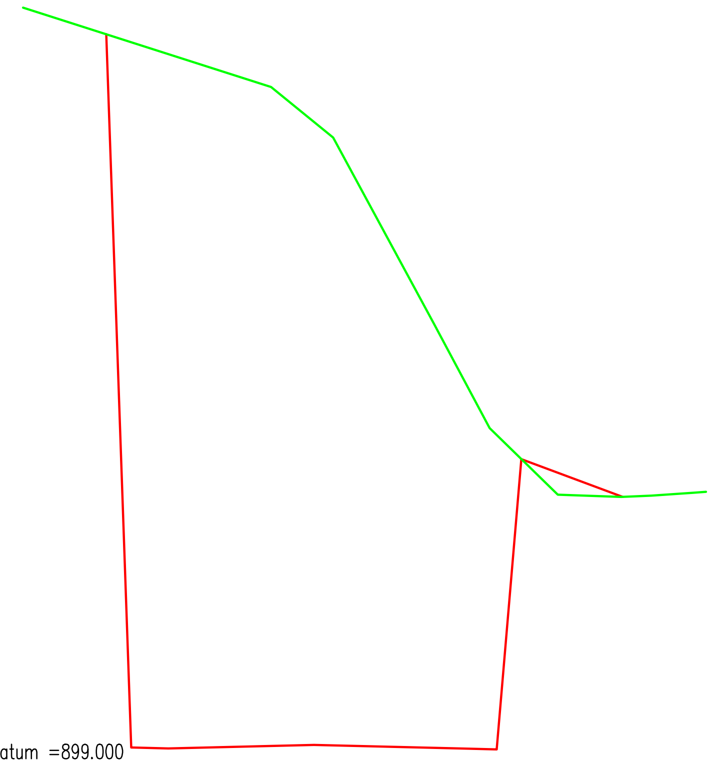
Row	Values
Design Levels	908.529, 900.315, 900.292, 900.380, 900.292, 900.270, 901.151, 901.154
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.841, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.441
Exi. Ground Levels	908.054, 903.997, 903.190, 901.026, 901.042, 901.125, 901.157, 901.191
Exi. Ground Offset	-4.518, -0.710, -0.129, 1.574, 2.397, 3.495, 5.117, 5.979

Chainage =53900.000

Level Datum =899.000

Row	Values
Design Levels	917.265, 899.356, 899.333, 899.421, 899.333, 899.311, 907.861, 907.472
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 8.480
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.480
Exi. Ground Levels	913.836, 912.277, 913.687, 913.420, 908.729, 908.274, 907.495, 907.483, 907.472, 907.471, 907.293, 906.787
Exi. Ground Offset	-1.682, -1.015, -0.988, 0.863, 3.669, 4.145, 5.757, 6.301, 7.600, 9.062, 9.330, 10.000

Chainage =53700.000



Level Datum =899.000

Row	Values
Design Levels	917.070, 899.896, 899.874, 899.961, 899.874, 899.851, 906.837, 905.931
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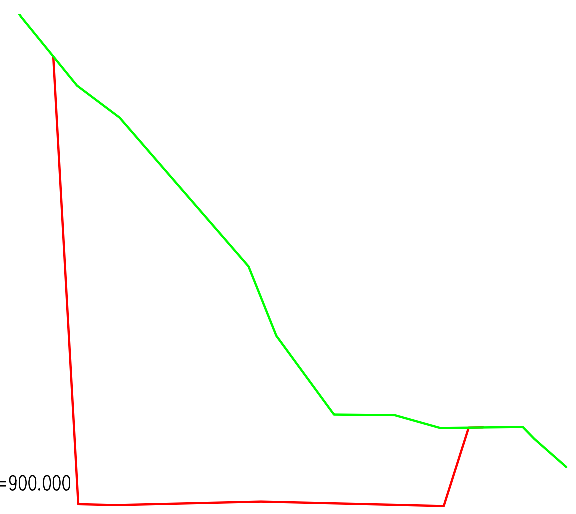
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.440
Exi. Ground Levels	915.800, 914.582, 910.099, 907.585, 905.984, 905.929, 905.960, 906.033
Exi. Ground Offset	-1.031, 0.466, 2.891, 4.235, 5.871, 7.403, 8.128, 9.133

Chainage =53800.000



Level Datum =900.000

Row	Values
Design Levels	911.065, 900.284, 900.262, 900.349, 900.262, 900.239, 902.131, 902.134
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.348
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.348
Exi. Ground Levels	912.016, 910.367, 909.600, 906.012, 904.339, 902.447, 902.430, 902.124, 902.143, 901.860
Exi. Ground Offset	-5.773, -4.433, -3.406, -0.303, 0.369, 1.758, 3.218, 4.318, 6.237, 6.576

Chainage =53950.000

Level Datum =900.000

Row	Values
Design Levels	914.916, 900.047, 900.025, 900.112, 900.025, 900.002, 902.566, 902.523
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.660
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.660
Exi. Ground Levels	915.428, 914.517, 912.115, 907.461, 905.425, 903.307, 902.811, 902.637, 902.576, 902.563, 902.428, 902.423
Exi. Ground Offset	-6.331, -3.966, -1.880, -1.528, -0.693, 2.575, 2.929, 3.189, 4.798, 5.065, 7.037, 7.181

Chainage =54050.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 54			Sheet : 54 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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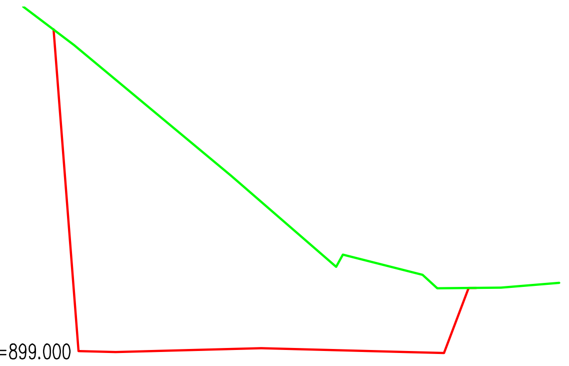
PH:0120-2400144

Level Datum =899.000

Design Levels	913.101, 899.929, 899.906, 899.994, 899.906, 899.884, 901.792, 901.575
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.246
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	914.377, 911.895, 911.642, 908.009, 905.379, 903.307, 902.502, 901.722, 901.735, 901.756, 901.794
Exi. Ground Offset	−6.176, −3.889, −2.252, −1.076, −0.235, 0.416, 0.746, 3.217, 3.628, 4.029, 5.049

Chainage =54100.000

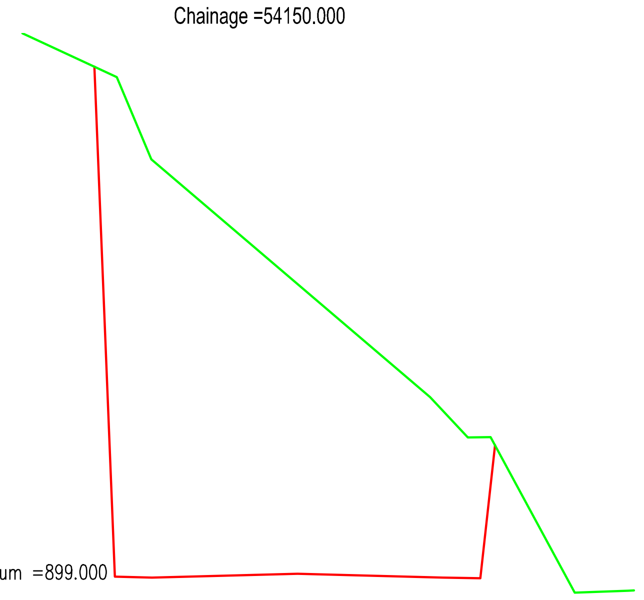
Level Datum =899.000



Design Levels	907.545, 899.811, 899.788, 899.876, 899.788, 899.766, 901.324, 901.326
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.180
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	907.171, 904.025, 901.835, 902.124, 901.645, 901.316, 901.333
Exi. Ground Offset	−4.504, −0.720, 1.807, 1.968, 3.887, 4.240, 5.773

Chainage =54150.000

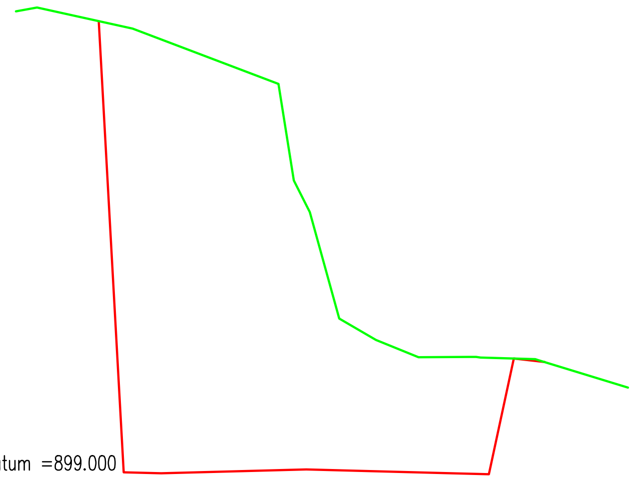
Level Datum =899.000



Design Levels	914.704, 899.692, 899.670, 899.757, 899.670, 899.647, 905.088, 903.050
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 6.101
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.101
Exi. Ground Levels	914.401, 912.419, 906.695, 905.720, 905.734, 901.982, 902.028
Exi. Ground Offset	−4.350, −3.517, 3.191, 4.103, 4.651, 6.678, 7.963

Chainage =54200.000

Level Datum =899.000



Design Levels	910.450, 899.574, 899.551, 899.639, 899.551, 899.529, 902.318, 902.231
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.751
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.751
Exi. Ground Levels	910.776, 910.273, 908.941, 906.610, 905.849, 903.281, 902.766, 902.348, 902.356, 902.343, 902.302, 902.282
Exi. Ground Offset	−6.492, −4.188, −0.674, −0.299, 0.087, 0.790, 1.679, 2.704, 3.922, 4.201, 5.519, 5.585

Chainage =54250.000

Level Datum =899.000

Design Levels	919.090, 899.506, 899.483, 899.571, 899.483, 899.461, 905.563, 905.270
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 7.304
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.304
Exi. Ground Levels	918.088, 917.300, 916.108, 914.646, 913.280, 911.414, 907.219, 906.153, 905.809, 905.839, 905.176, 905.243, 905.301
Exi. Ground Offset	−3.357, −1.733, −0.298, −0.154, 0.945, 1.271, 2.607, 3.479, 3.877, 4.315, 5.962, 6.854, 7.822

Chainage =54300.000

Level Datum =898.000

Design Levels	912.628, 899.556, 899.534, 899.621, 899.534, 899.511, 901.014, 901.016
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.152
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	915.635, 904.154, 901.951, 901.603, 902.791, 900.988, 900.992, 901.002, 901.021, 899.145
Exi. Ground Offset	−6.272, −1.417, −0.878, 0.042, 0.785, 2.264, 3.430, 4.300, 5.422, 6.934

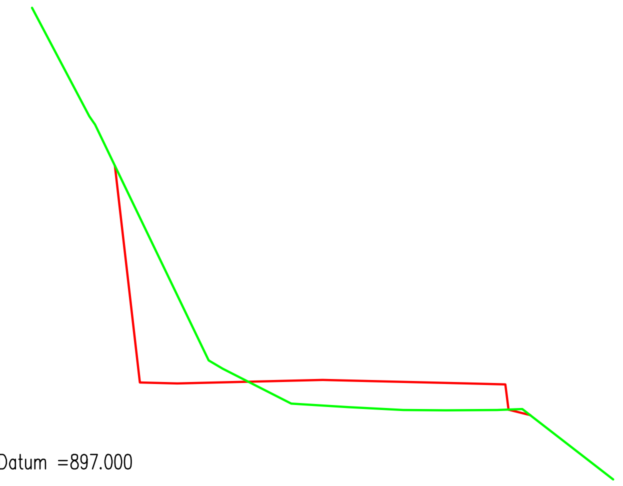
Chainage =54350.000

Level Datum =899.000

Design Levels	917.247, 899.632, 899.610, 899.697, 899.610, 899.587, 905.796, 902.883
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 6.048
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.048
Exi. Ground Levels	917.846, 916.976, 906.635, 905.498, 903.289, 906.097, 901.200, 901.063
Exi. Ground Offset	−6.669, −4.246, 2.466, 3.833, 4.560, 4.892, 6.653, 6.992

Chainage =54400.000

Level Datum =897.000



Design Levels	904.921, 899.708, 899.685, 899.773, 899.685, 899.663, 899.056, 898.921
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.476, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.076
Exi. Ground Levels	906.117, 905.915, 900.239, 900.038, 899.197, 899.112, 899.045, 899.038, 899.047, 899.068
Exi. Ground Offset	−5.614, −5.479, −2.745, −2.401, −0.758, 0.619, 1.939, 2.971, 4.204, 4.811

Chainage =54450.000

Level Datum =899.000

Design Levels	911.251, 899.768, 899.745, 899.833, 899.745, 899.723, 905.911, 905.779
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 7.428
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.428
Exi. Ground Levels	910.712, 909.180, 905.848, 906.017, 902.711, 900.505, 899.601
Exi. Ground Offset	−4.157, −1.047, 3.581, 7.373, 7.657, 7.999, 8.897

Chainage =54500.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 55			Sheet : 55 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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Flat No, - 68, Ajanta Apartment, 36, I.P Extension
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M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144

Level Datum =893.000

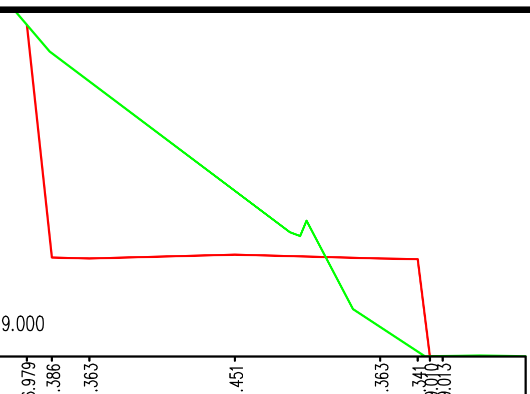
Design Levels	904.166, 905.846, 899.768, 899.745, 899.833, 899.745, 899.723, 896.711, 896.460
Design Offset	-6.599, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.777, 5.000
Design Width	1.599, 0.600, 0.900, 3.500, 3.500, 0.900, 0.377
Exi. Ground Levels	904.078, 904.467, 905.764, 905.914, 899.727, 899.651, 899.645, 899.601, 899.589, 899.613, 896.165, 895.985, 894.773
Exi. Ground Offset	-6.794, -5.935, -5.543, -5.030, -2.280, -0.550, -0.387, 1.464, 1.617, 2.190, 5.263, 5.395, 5.940

Chainage =54550.000

Level Datum =900.000

Design Levels	916.872, 900.379, 900.357, 900.444, 900.357, 900.334, 902.427, 902.468
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.467
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.467
Exi. Ground Levels	915.387, 909.604, 906.642, 904.097, 903.448, 903.326, 903.264, 904.224, 902.456, 902.567, 903.102, 902.337, 902.448, 902.505
Exi. Ground Offset	-2.318, -1.528, -1.164, -0.584, -0.280, -0.400, -0.077, 1.028, 1.573, 1.661, 3.140, 3.626, 5.318, 5.728

Chainage =54650.000



Level Datum =899.000

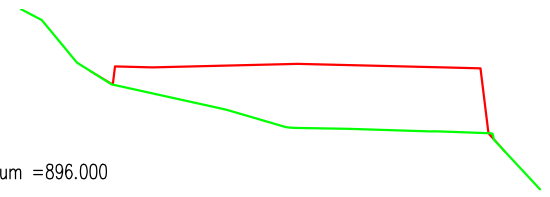
Design Levels	906.979, 901.386, 901.363, 901.451, 901.363, 901.341, 899.010, 899.013
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.691, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.291
Exi. Ground Levels	906.339, 901.990, 902.268, 900.146, 899.009, 899.016, 899.028, 899.013
Exi. Ground Offset	-4.452, 1.323, 1.725, 2.843, 4.570, 5.367, 5.894, 6.996

Chainage =54800.000

Level Datum =895.000

Design Levels	903.840, 902.788, 899.704, 899.681, 899.769, 899.681, 899.659, 898.531, 897.895
Design Offset	-6.468, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.541, 5.000
Design Width	1.468, 0.600, 0.900, 3.500, 3.500, 0.900, 0.141
Exi. Ground Levels	906.627, 904.967, 904.355, 903.850, 901.347, 901.083, 900.456, 900.398, 900.407, 900.523, 897.113
Exi. Ground Offset	-8.054, -6.946, -6.879, -6.482, -2.990, -2.396, -0.032, 1.815, 1.951, 3.102, 5.565

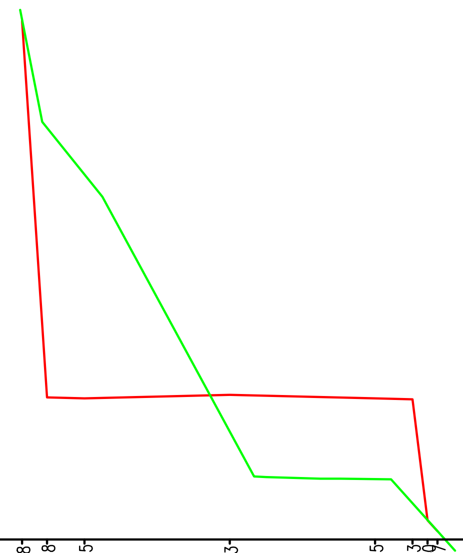
Chainage =54950.000



Level Datum =896.000

Design Levels	900.690, 900.362, 900.799, 900.776, 900.864, 900.776, 900.754, 899.189, 898.734
Design Offset	-5.000, -4.455, -4.400, -3.500, -0.000, 3.500, 4.400, 4.596, 5.000
Design Width	0.545, 0.900, 3.500, 3.500, 0.900, 0.196
Exi. Ground Levels	901.917, 900.889, 900.370, 899.761, 899.337, 899.316, 899.298, 899.277, 899.231, 899.231, 899.187, 899.032
Exi. Ground Offset	-6.168, -5.318, -4.489, -1.726, -0.278, -0.110, 1.217, 1.717, 3.160, 3.387, 4.663, 4.725

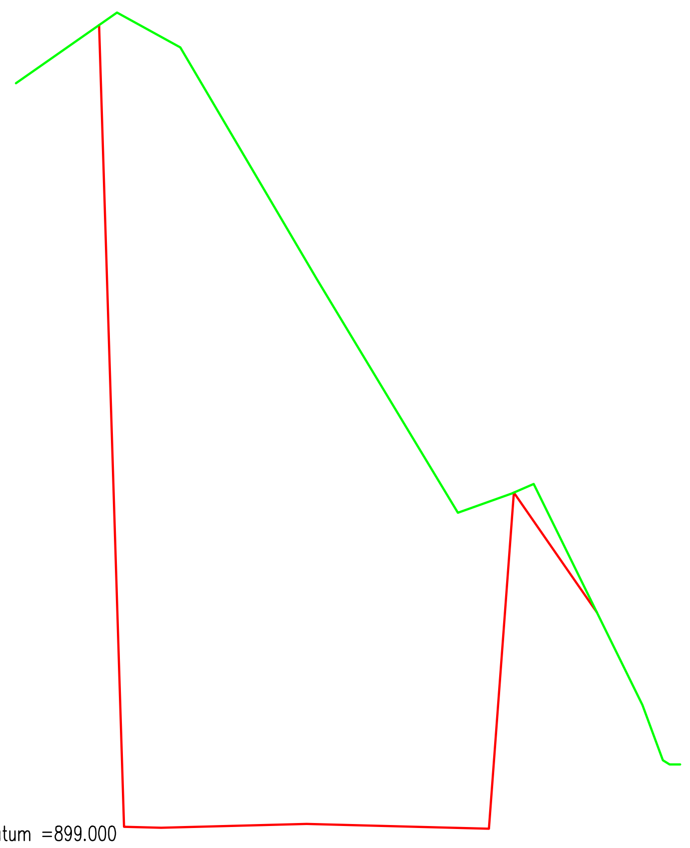
Chainage =54700.000



Level Datum =895.000

Design Levels	908.872, 910.068, 900.998, 900.975, 901.063, 900.975, 900.953, 898.040, 897.777
Design Offset	-8.337, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.764, 5.000
Design Width	3.337, 0.600, 0.900, 3.500, 3.500, 0.900, 0.364
Exi. Ground Levels	906.689, 905.956, 913.157, 905.988, 905.178, 910.389, 907.638, 905.835, 899.097, 899.078, 899.040, 899.039, 899.023
Exi. Ground Offset	-10.000, -9.405, -6.768, -5.821, -5.686, -5.064, -4.515, -3.065, 0.588, 0.881, 2.181, 2.665, 3.885

Chainage =54850.000



Level Datum =899.000

Design Levels	919.279, 899.959, 899.937, 900.024, 899.937, 899.914, 908.015, 905.119
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.002
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.002
Exi. Ground Levels	919.583, 918.739, 915.553, 913.168, 907.525, 907.989, 908.223, 902.891, 901.563, 901.458
Exi. Ground Offset	-4.566, -3.037, -1.163, 0.240, 3.652, 4.940, 5.477, 8.098, 8.588, 8.753

Chainage =54600.000

Level Datum =897.000

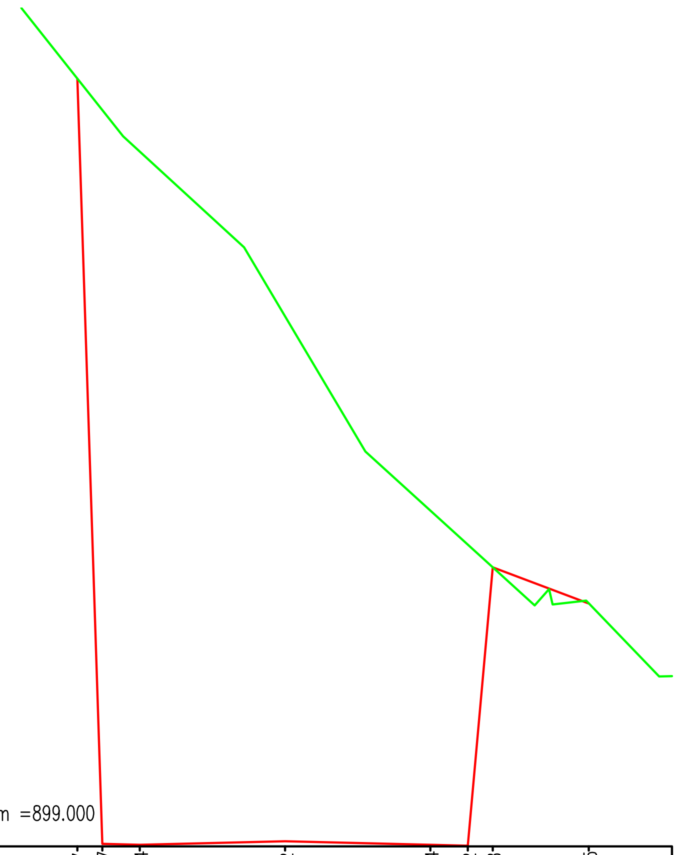
Design Levels	910.162, 901.218, 901.196, 901.283, 901.196, 901.173, 898.934, 898.683
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.680, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.280
Exi. Ground Levels	912.215, 906.597, 905.959, 902.808, 900.021, 898.348, 897.797
Exi. Ground Offset	-6.788, -1.896, -1.582, 1.001, 3.291, 5.428, 6.230

Chainage =54750.000

Level Datum =899.000

Design Levels	914.902, 900.351, 900.328, 900.416, 900.328, 900.306, 900.246, 899.931
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.408, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.008
Exi. Ground Levels	916.285, 913.355, 911.275, 906.836, 902.863, 900.358, 899.581, 899.024, 899.038
Exi. Ground Offset	-6.392, -3.442, -2.668, -0.944, 1.629, 4.197, 5.658, 6.171, 6.764

Chainage =54900.000



Level Datum =899.000

Design Levels	917.487, 899.057, 899.034, 899.122, 899.034, 899.012, 905.718, 904.845
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.316
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.316
Exi. Ground Levels	916.094, 913.424, 908.506, 904.800, 905.184, 904.821, 904.912, 903.090
Exi. Ground Offset	-3.896, -0.987, 1.935, 6.009, 6.363, 6.443, 7.252, 9.009

Chainage =55000.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage	:-
Drawing No. :-	AIPPL/BRO/DPR/CS/ 56
Sheet :	56 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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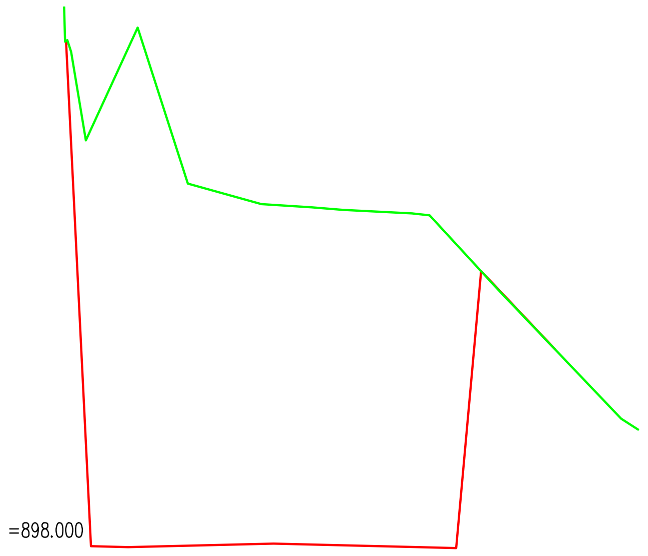


Level Datum =898.000

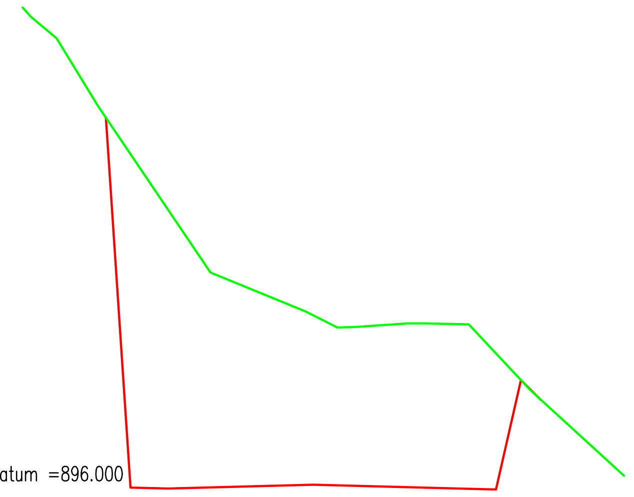
Design Levels	910.560, 898.410, 898.387, 898.475, 898.387, 898.365, 905.029, 903.143
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.789
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.789
Exi. Ground Levels	923.909, 911.970, 910.299, 908.174, 910.884, 907.135, 906.640, 906.564, 906.502, 906.415, 906.370, 904.581, 901.480
Exi. Ground Offset	−5.461, −5.055, −4.871, −4.518, −3.272, −2.060, −0.291, 0.921, 1.676, 3.338, 3.760, 5.414, 8.378

Chainage =55050.000

Level Datum =897.000

Design Levels	914.989, 897.763, 897.740, 897.828, 897.740, 897.718, 903.841, 902.138
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 6.610
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.610
Exi. Ground Levels	916.633, 915.804, 913.237, 911.174, 909.500, 908.720, 908.742, 908.740, 908.756, 907.320, 902.009, 900.559
Exi. Ground Offset	−5.817, −5.163, −4.650, −3.949, −3.519, −2.518, −1.134, −0.871, 0.541, 1.709, 6.733, 8.441

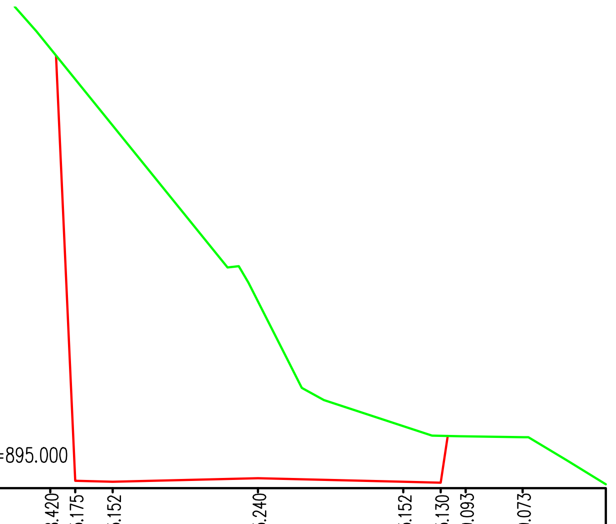
Chainage =55100.000



Level Datum =896.000

Design Levels	905.383, 896.469, 896.446, 896.534, 896.446, 896.424, 899.054, 898.581
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.479
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.479
Exi. Ground Levels	907.804, 907.289, 905.658, 901.644, 900.706, 900.318, 900.336, 900.425, 900.423, 900.401, 898.817
Exi. Ground Offset	−6.797, −6.183, −5.186, −2.474, −0.181, 0.583, 1.031, 2.273, 2.694, 3.740, 5.221

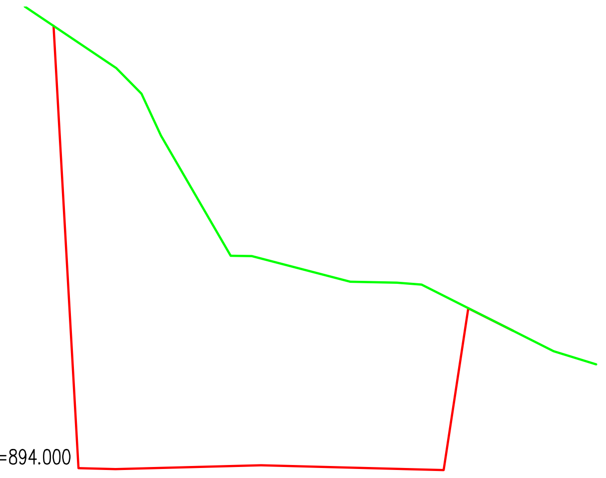
Chainage =55200.000



Level Datum =895.000

Design Levels	908.420, 895.175, 895.152, 895.240, 895.152, 895.130, 899.093, 899.073
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.372
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.372
Exi. Ground Levels	908.834, 903.158, [illegible], 902.792, 900.853, 900.261, 899.962, 899.114, 899.095, 899.073, 899.074, 898.515
Exi. Ground Offset	−5.335, −0.733, −0.464, −0.251, 0.751, 1.050, 1.582, 4.187, 4.869, 6.400, 6.511, 7.437

Chainage =55300.000



Level Datum =894.000

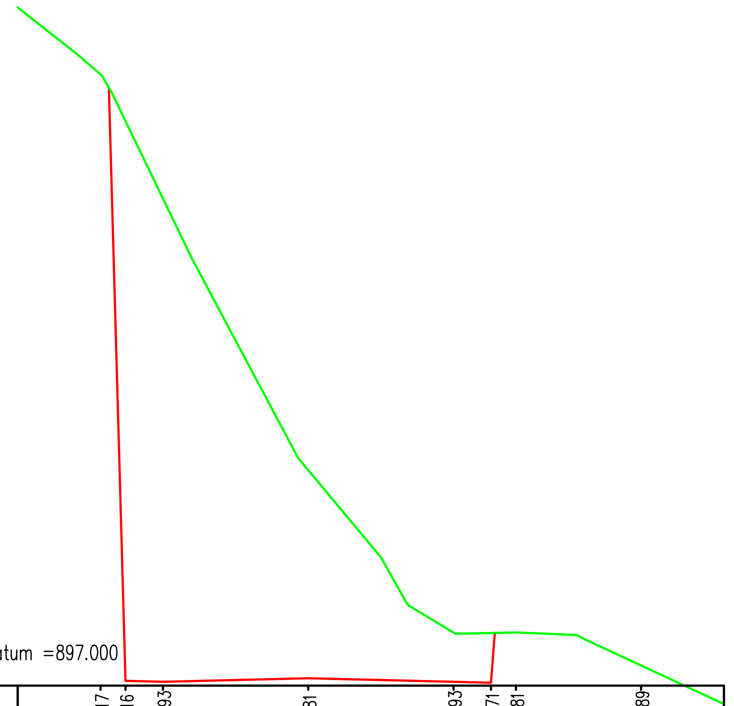
Design Levels	905.168, 894.528, 894.505, 894.593, 894.505, 894.483, 898.373, 897.834
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.075
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.075
Exi. Ground Levels	905.963, 904.151, 903.530, 902.523, 899.634, 899.630, 899.008, 898.989, 898.940, 897.343
Exi. Ground Offset	−6.180, −3.489, −2.880, −2.412, −0.726, −0.222, 2.155, 3.275, 3.870, 7.053

Chainage =55350.000

Level Datum =897.000

Design Levels	914.989, 897.763, 897.740, 897.828, 897.740, 897.718, 903.841, 902.138
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 6.610
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.610
Exi. Ground Levels	916.633, 915.804, 913.237, 911.174, 909.500, 908.720, 908.742, 908.740, 908.756, 907.320, 902.009, 900.559
Exi. Ground Offset	−5.817, −5.163, −4.650, −3.949, −3.519, −2.518, −1.134, −0.871, 0.541, 1.709, 6.733, 8.441

Chainage =55100.000



Level Datum =897.000

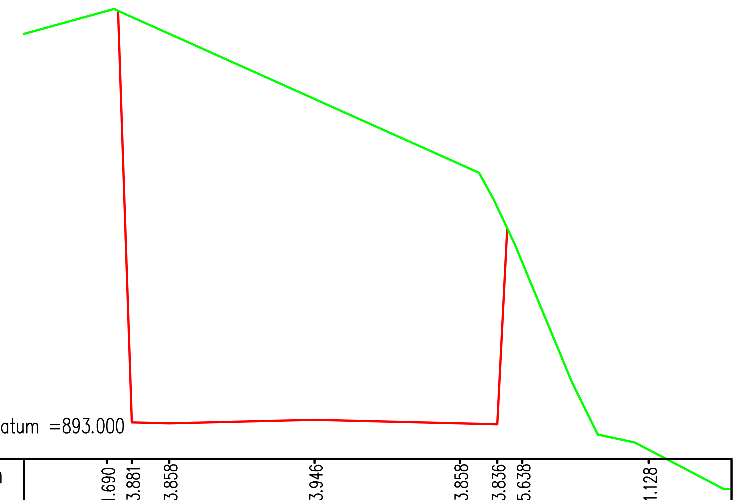
Design Levels	918.517, 897.116, 897.093, 897.181, 897.093, 897.071, 905.081, 904.289
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 8.009
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.009
Exi. Ground Levels	918.988, 918.488, 918.074, 914.073, 909.274, 906.889, 905.745, 905.054, 905.081, 905.081, 905.017, 904.898, 903.359
Exi. Ground Offset	−5.549, −4.967, −4.729, −2.796, −0.241, 1.748, 2.393, 3.546, 5.004, 5.043, 6.455, 6.704, 10.000

Chainage =55150.000

Level Datum =895.000

Design Levels	911.672, 895.822, 895.799, 895.887, 895.799, 895.777, 899.632, 899.578
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.301
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.301
Exi. Ground Levels	911.738, 906.021, 902.234, 902.197, 899.942, 899.662, 899.615, 899.602, 898.651, 898.444
Exi. Ground Offset	−5.032, −2.226, 0.358, 0.380, 2.457, 3.213, 5.995, 6.263, 7.823, 8.096

Chainage =55250.000



Level Datum =893.000

Design Levels	911.690, 893.881, 893.858, 893.946, 893.858, 893.836, 905.638, 901.128
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 8.046
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.046
Exi. Ground Levels	911.739, 911.733, 907.795, 907.164, 906.084, 902.743, 901.494, 901.302, 900.178, 900.179
Exi. Ground Offset	−4.823, −4.815, 3.966, 4.308, 4.814, 6.204, 6.820, 7.714, 9.860, 10.000

Chainage =55400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage	:-
Drawing No. :-	AIPPL/BRO/DPR/CS/ 57
Scale	:- NTS
Sheet :	57 of End
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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Level Datum =893.000

Design Levels		-5.000 908.697	-4.400 893.234	-3.500 893.211			0.000 893.299			3.500 893.211	4.400 893.189	5.000 899.176	6.591 897.571
Design Offset													
Design Width		0.600	0.900		3.500			3.500			0.900	0.600	1.591
Exi. Ground Levels		-4.807 908.510		-2.572 906.520		-1.178 903.994 -0.727 902.130		0.538 900.644	1.790 899.396	3.206 899.404 3.392 899.393		4.746 899.432		8.166 895.982
Exi. Ground Offset													

Chainage =55450.000

Level Datum =891.000

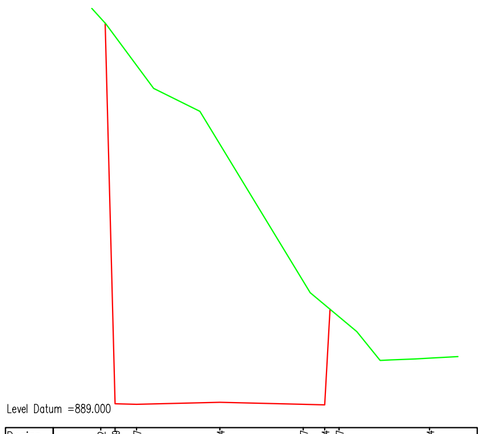
Design Levels		-5.000 909.303	-4.400 891.940	-3.500 891.917			-0.000 892.005			3.500 891.917	4.400 891.895	5.000 899.072	7.667 898.428
Design Offset													
Design Width		0.600	0.900		3.500			3.500			0.900	0.600	2.667
Exi. Ground Levels		-4.301 908.870		-2.514 906.018		-0.653 904.701 -0.075 903.055		1.586 900.240 2.045 900.263			4.690 899.075	5.392 899.068	6.234 899.045
Exi. Ground Offset													

Chainage =55550.000

Level Datum =890.000

Design Levels		-5.000 904.088	-4.400 890.646	-3.500 890.623			0.000 890.711			3.500 890.623	4.400 890.601	5.000 897.759	7.621 897.043
Design Offset													
Design Width		0.600	0.900		3.500			3.500			0.900	0.600	2.621
Exi. Ground Levels		-5.699 906.974 -5.237 904.473		-4.195 902.781		-1.282 901.259				3.531 898.117 3.881 897.882	4.988 897.761 5.088 897.750		6.579 897.653
Exi. Ground Offset													

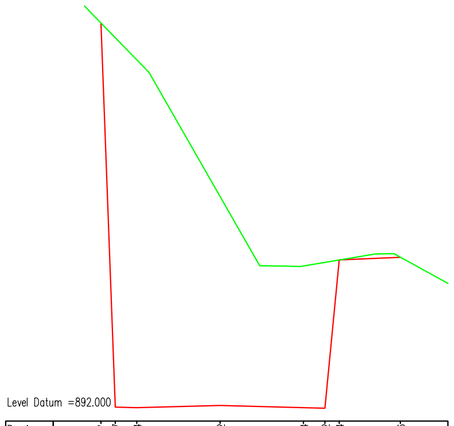
Chainage =55650.000



Level Datum =889.000

Design Levels		-5.000 913.042	-4.400 889.999	-3.500 889.977			0.000 890.064			3.500 889.977	4.400 889.954	5.000 900.507	8.805 898.764
Design Offset													
Design Width		0.600	0.900		3.500			3.500			0.900	0.600	3.805
Exi. Ground Levels		-6.326 914.497		-4.783 912.803 -4.442 912.463		-2.761 910.095		-0.839 909.129		3.796 901.515		5.752 899.878	6.728 898.674 7.190 898.694	8.188 898.731 8.867 898.768	10.000 898.830
Exi. Ground Offset															

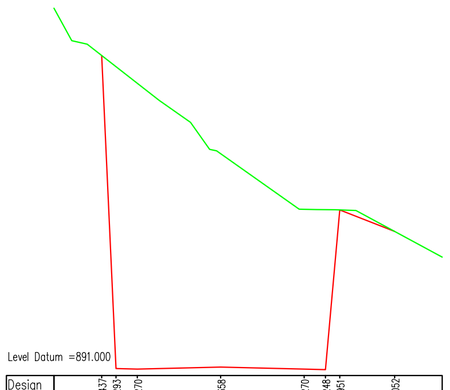
Chainage =55750.000



Level Datum =892.000

Design Levels		-5.000 908.717	-4.400 892.587	-3.500 892.564			-0.000 892.652			3.500 892.564	4.400 892.542	5.000 898.764	7.567 898.876
Design Offset													
Design Width		0.600	0.900		3.500			3.500			0.900	0.600	2.567
Exi. Ground Levels				-2.980 906.634			1.666 898.517		2.779 898.508 3.369 898.493			6.506 899.014	7.295 899.025	9.539 897.798
Exi. Ground Offset														

Chainage =55500.000



Level Datum =891.000

Design Levels		-5.000 904.437	-4.400 891.283	-3.500 891.270			-0.000 891.358			3.500 891.270	4.400 891.248	5.000 897.951	7.302 897.052
Design Offset													
Design Width		0.600	0.900		3.500			3.500			0.900	0.600	2.302
Exi. Ground Levels		-6.253 905.055 -5.611 904.913			-2.583 902.554		-1.267 901.631 -0.474 900.486			3.293 897.982	4.030 897.971	4.814 897.957	5.677 897.927	
Exi. Ground Offset														

Chainage =55600.000

Level Datum =889.000

Design Levels		-5.000 907.695	-4.400 890.016	-3.500 889.993			0.000 890.081			3.500 889.993	4.400 889.971	5.000 898.302	7.812 896.796
Design Offset													
Design Width		0.600	0.900		3.500			3.500			0.900	0.600	2.812
Exi. Ground Levels		-4.618 907.257		-2.460 904.339		-0.573 901.019	0.784 899.570				5.456 898.165	6.026 898.121 6.494 898.080		
Exi. Ground Offset														

Chainage =55700.000

Level Datum =889.000

Design Levels		-5.000 909.796	-4.400 889.999	-3.500 889.977			-0.000 890.064			3.500 889.977	4.400 889.954	5.000 899.407	8.242 897.639
Design Offset													
Design Width		0.600	0.900		3.500			3.500			0.900	0.600	3.242
Exi. Ground Levels				-2.449 908.703 -2.140 908.393		-0.332 903.456	0.481 902.437	1.216 899.876	2.020 899.391 2.517 899.353	3.612 899.385	4.537 899.403	5.147 899.409		9.005 897.203	10.000 896.499
Exi. Ground Offset															

Chainage =55800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 58		Sheet : 58 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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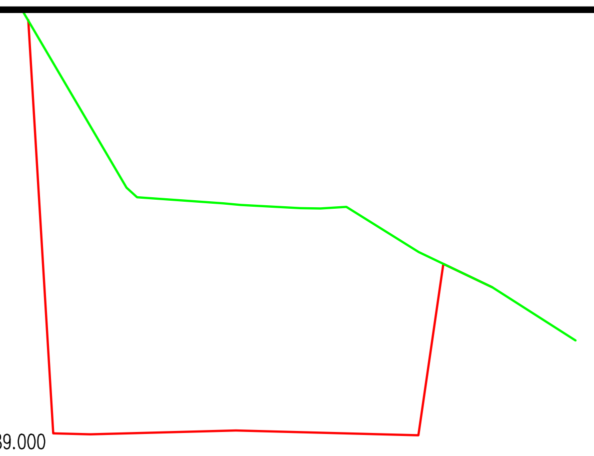
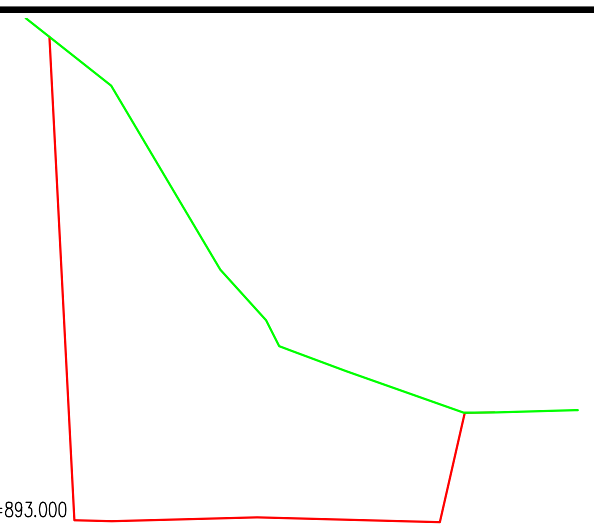


Level Datum =889.000

Row	Values
Design Levels	899.939 889.999 889.977 890.064 889.977 889.954 894.078 893.513
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 6.180
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.180
Exi. Ground Levels	900.295 895.908 895.683 895.530 895.491 895.414 895.413 895.451 894.362 893.513
Exi. Ground Offset	-5.209 -2.635 -2.378 -0.298 0.121 1.551 2.038 2.664 4.406 6.180

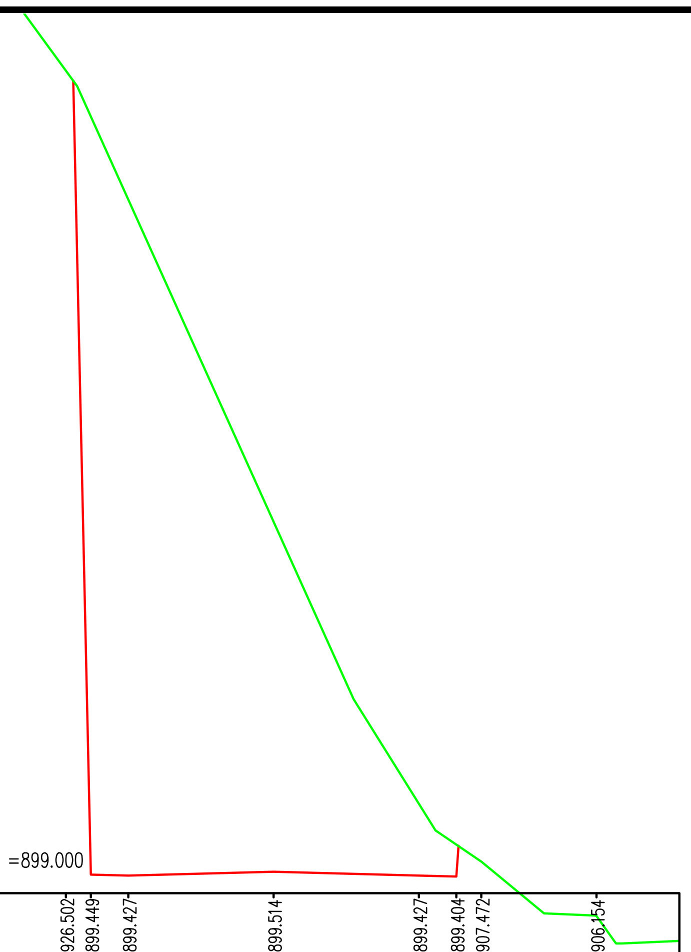
Chainage =55850.000



Level Datum =893.000

Row	Values
Design Levels	905.185 893.543 893.520 893.608 893.520 893.498 896.133 896.137
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.720
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.720
Exi. Ground Levels	904.007 899.579 898.361 897.735 897.628 897.135 896.132 896.137 896.192
Exi. Ground Offset	-3.517 -0.887 0.216 0.532 0.814 2.143 4.980 5.755 7.650

Chainage =56050.000



Level Datum =899.000

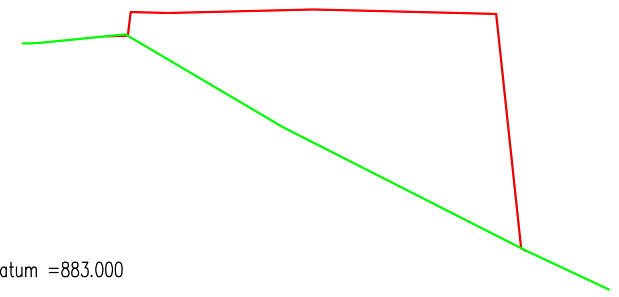
Row	Values
Design Levels	926.502 899.449 899.427 899.514 899.427 899.404 907.472 906.154
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 7.775
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.775
Exi. Ground Levels	926.131 911.374 908.217 907.463 906.217 906.165 905.495 905.495 905.547
Exi. Ground Offset	-4.729 1.928 3.901 5.014 6.512 7.767 8.246 8.383 9.611

Chainage =56150.000

Level Datum =905.000

Row	Values
Design Levels	929.844 905.355 905.333 905.420 905.333 905.310 918.919
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	927.127 923.441 920.601 923.454 922.281 922.653 918.820 918.837 919.772
Exi. Ground Offset	-2.720 0.355 0.841 1.475 2.300 2.981 4.331 4.816 6.919

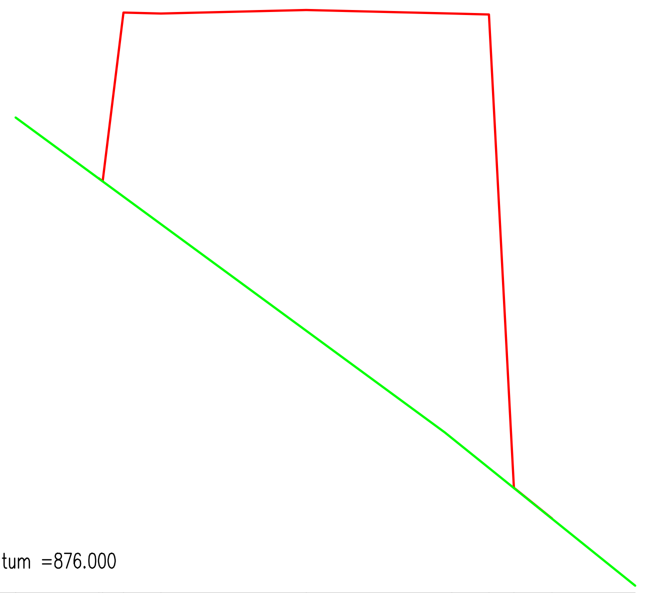
Chainage =56250.000



Level Datum =883.000

Row	Values
Design Levels	889.416 889.431 889.999 889.977 890.064 889.977 889.954 884.310 884.253
Design Offset	-5.000 -4.471 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.113
Design Width	0.529 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	889.745 889.260 889.422 889.464 887.225 884.256
Exi. Ground Offset	-6.828 -6.557 -4.938 -4.526 -0.728 5.107

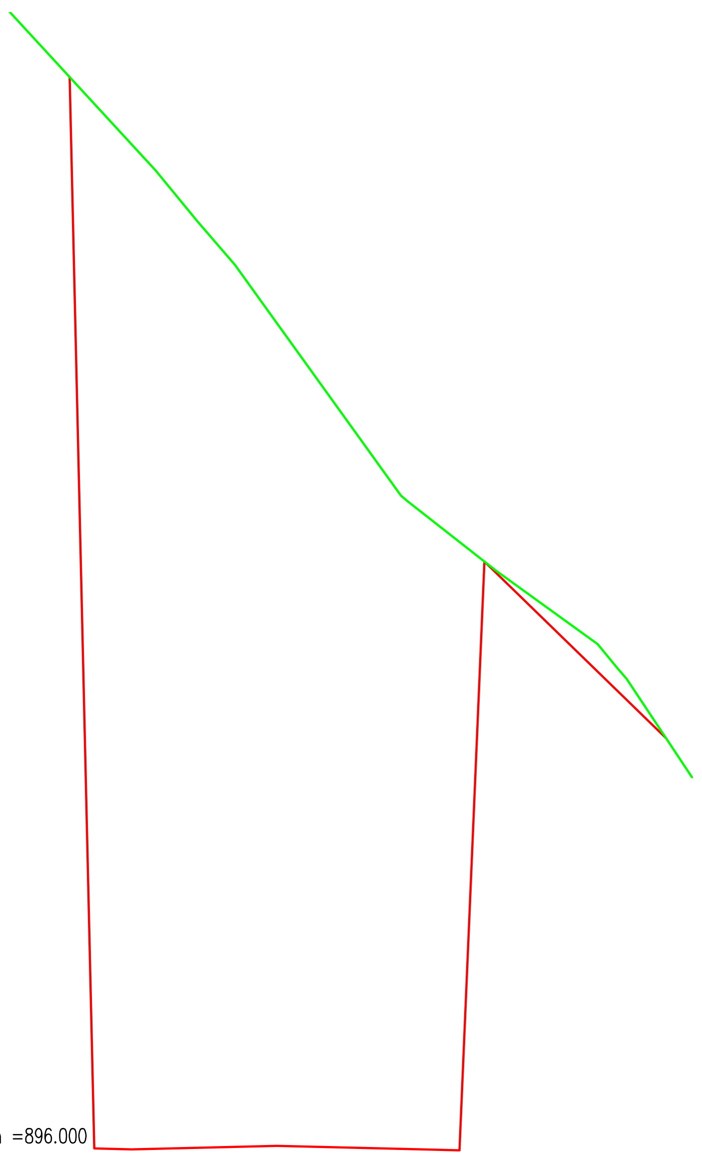
Chainage =55900.000



Level Datum =876.000

Row	Values
Design Levels	886.010 885.942 889.999 889.977 890.064 889.977 889.954 878.554 877.814
Design Offset	-5.000 -4.907 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.917
Design Width	0.093 0.900 3.500 3.500 0.900 0.600 0.917
Exi. Ground Levels	879.894
Exi. Ground Offset	3.337

Chainage =55950.000



Level Datum =896.000

Row	Values
Design Levels	922.308 896.496 896.473 896.561 896.473 896.451 910.632 906.388
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 9.368
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.368
Exi. Ground Levels	920.055 918.844 917.783 912.222 912.091 910.412 908.642 908.084 907.804 905.440
Exi. Ground Offset	-2.927 -1.926 -1.009 2.988 3.141 5.280 7.729 8.186 8.425 10.000

Chainage =56100.000

Level Datum =902.000

Row	Values
Design Levels	926.009 902.402 902.380 902.467 902.380 902.357 912.550 910.466
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 8.454
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 3.454
Exi. Ground Levels	928.247 927.734 927.884 926.753 920.910 918.966 915.607 913.652 913.747 912.955 912.849 912.886 910.399 909.720
Exi. Ground Offset	-6.995 -6.333 -6.269 -5.607 -0.836 -0.516 -0.103 0.589 1.090 2.845 3.711 4.444 8.565 10.000

Chainage =56200.000

Level Datum =908.000

Row	Values
Design Levels	938.178 908.308 908.286 908.373 908.286 908.263 922.827
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	937.976 935.382 934.457 924.585 924.036 922.910 922.824 922.515
Exi. Ground Offset	-4.532 -1.604 -1.406 1.985 2.138 3.275 5.077 5.477

Chainage =56300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 59			Sheet : 59 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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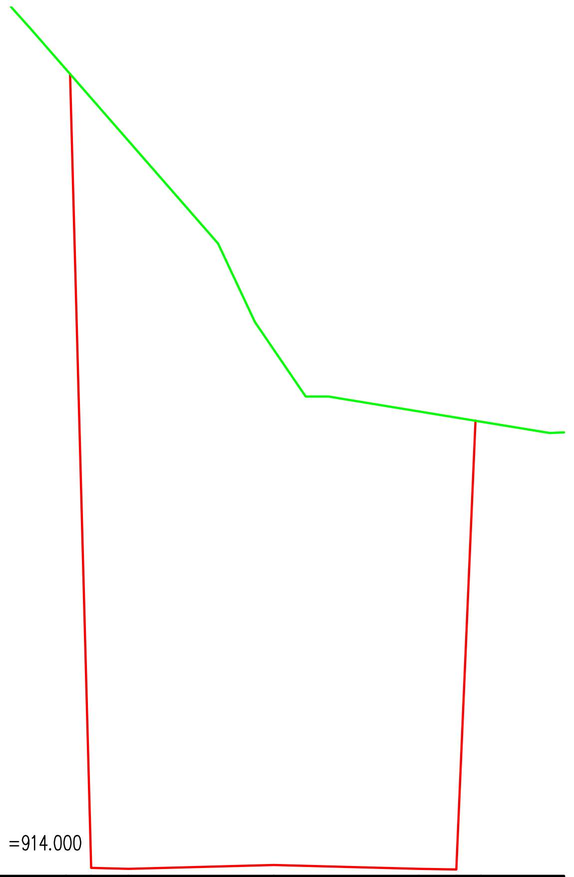
Chainage =56350.000

Level Datum =911.000

Row	Values
Design Levels	933.505, 911.262, 911.239, 911.327, 911.239, 911.217, 925.971
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	933.660, 933.555, 930.311, 927.540, 926.859, 926.475, 926.546, 925.807, 925.994, 926.023
Exi. Ground Offset	−5.687, −5.044, −2.241, −0.321, 0.166, 0.472, 1.092, 3.309, 5.232, 5.795

Chainage =56350.000

Chainage =56400.000



Level Datum =914.000

Row	Values
Design Levels	936.670, 914.197, 914.175, 914.262, 914.175, 914.152, 928.194
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	937.658, 932.482, 930.595, 928.799, 928.796, 927.923
Exi. Ground Offset	−5.864, −1.340, −0.449, 0.770, 1.324, 6.655

Chainage =56400.000

Chainage =56450.000

Level Datum =916.000

Row	Values
Design Levels	938.544, 916.726, 916.704, 916.791, 916.704, 916.681, 929.906, 926.415
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 9.267
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.267
Exi. Ground Levels	937.264, 936.875, 936.390, 931.049, 930.953, 929.713, 929.730, 929.908, 929.935, 928.128, 926.136, 925.889
Exi. Ground Offset	−3.811, −3.422, −3.298, −0.788, −0.669, 2.818, 3.431, 5.016, 5.557, 6.918, 9.651, 10.000

Chainage =56450.000

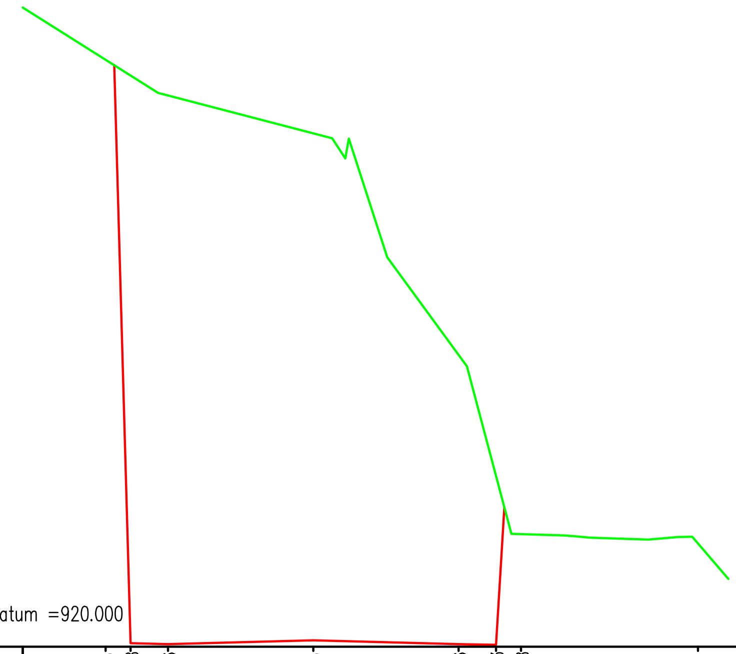
Chainage =56500.000

Level Datum =918.000

Row	Values
Design Levels	939.270, 918.690, 918.667, 918.755, 918.667, 918.645, 930.867, 929.765
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 9.960
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.960
Exi. Ground Levels	939.073, 937.943, 937.722, 936.937, 935.439, 934.852, 932.187, 931.215, 930.765, 929.612, 929.735, 929.767, 929.768
Exi. Ground Offset	−3.807, −0.301, 0.530, 0.739, 1.501, 2.697, 4.396, 4.778, 5.065, 7.532, 9.561, 9.984, 10.000

Chainage =56500.000

Chainage =56550.000

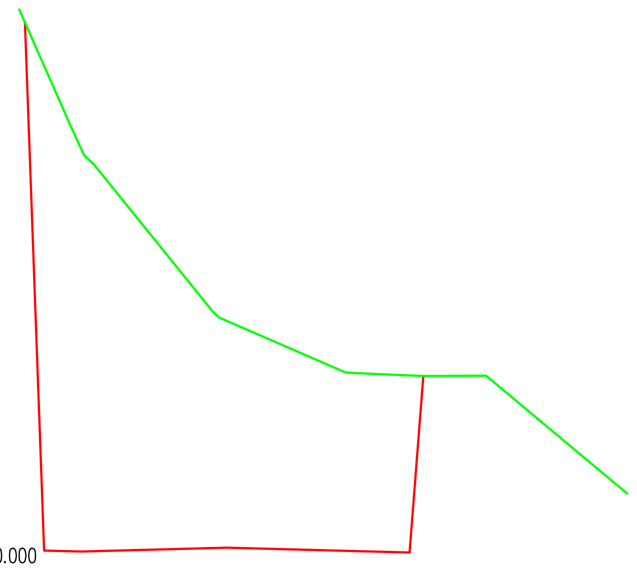


Level Datum =920.000

Row	Values
Design Levels	941.428, 920.088, 920.066, 920.153, 920.066, 920.043, 929.998, 929.771
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 9.264
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.264
Exi. Ground Levels	940.630, 939.534, 939.530, 936.666, 934.039, 930.005, 929.968, 929.941, 929.912, 929.869, 929.923, 929.932, 928.915
Exi. Ground Offset	−3.737, 0.456, 0.857, 1.780, 3.701, 4.770, 6.036, 6.346, 6.667, 8.072, 8.780, 9.126, 10.000

Chainage =56550.000

Chainage =56600.000

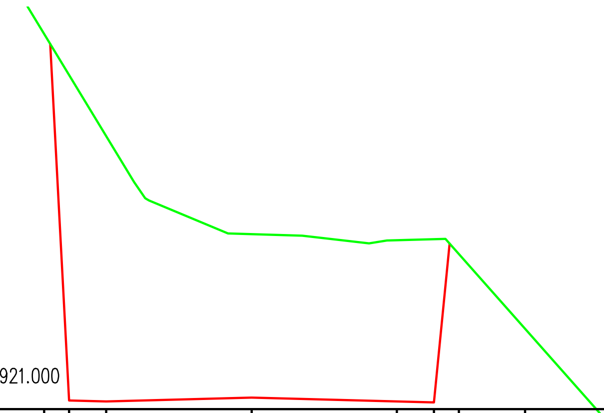


Level Datum =920.000

Row	Values
Design Levels	937.353, 920.921, 920.899, 920.986, 920.899, 920.876, 928.518, 927.362
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 7.643
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.643
Exi. Ground Levels	938.475, 934.567, 933.828, 933.604, 930.057, 929.920, 928.605, 928.561, 928.516, 928.529
Exi. Ground Offset	−5.493, −3.774, −3.438, −3.202, −0.333, −0.180, 2.859, 3.622, 4.753, 6.245

Chainage =56600.000

Chainage =56650.000

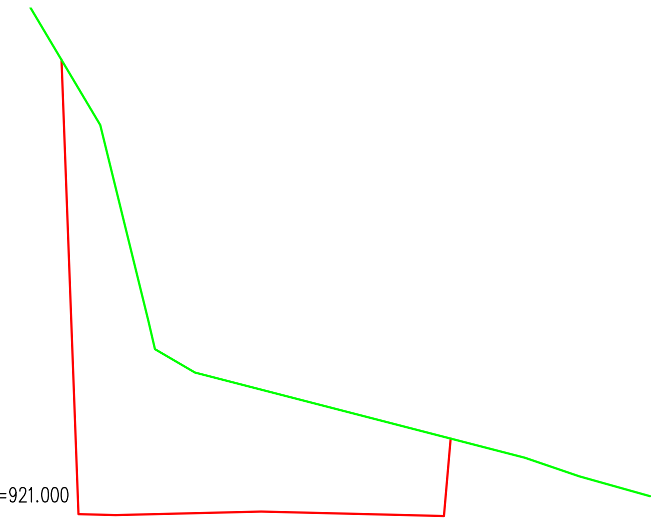


Level Datum =921.000

Row	Values
Design Levels	932.646, 921.206, 921.184, 921.271, 921.184, 921.161, 927.336, 925.543
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 6.591
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.591
Exi. Ground Levels	929.073, 928.633, 927.833, 927.784, 927.598, 927.666, 927.707
Exi. Ground Offset	−2.829, −2.467, −0.563, 1.221, 2.831, 3.260, 4.671

Chainage =56650.000

Chainage =56700.000

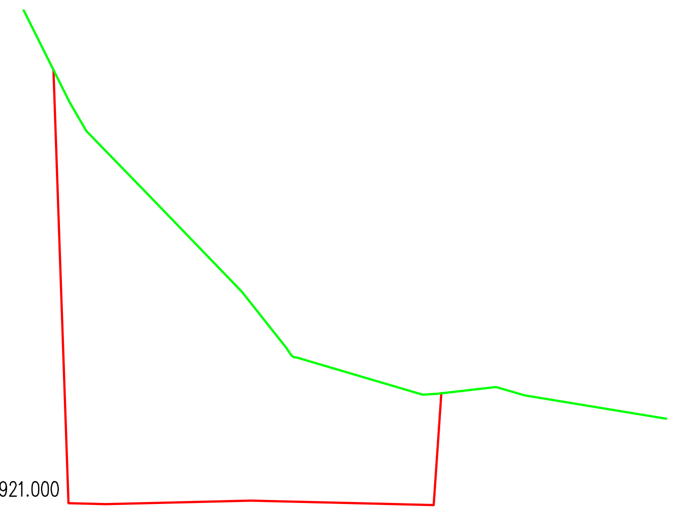


Level Datum =921.000

Row	Values
Design Levels	937.475, 921.332, 921.310, 921.397, 921.310, 921.287, 927.922, 927.223
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 7.368
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.368
Exi. Ground Levels	938.774, 935.579, 930.847, 930.185, 929.625, 927.573, 927.122
Exi. Ground Offset	−5.773, −3.872, −2.707, −2.558, −1.592, 6.352, 7.662

Chainage =56700.000

Chainage =56750.000



Level Datum =921.000

Row	Values
Design Levels	938.461, 921.458, 921.435, 921.523, 921.435, 921.413, 930.254, 929.824
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 8.606
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.606
Exi. Ground Levels	940.781, 937.210, 936.522, 934.883, 932.648, 931.311, 931.075, 930.167, 930.196, 930.354, 930.156, 929.595
Exi. Ground Offset	−6.157, −4.376, −3.969, −2.381, −0.230, 0.838, 1.074, 4.136, 4.490, 5.900, 6.587, 10.000

Chainage =56750.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section	
Chainage :-		
Drawing No. :- AIPPL/BRO/DPR/CS/ 60		Sheet : 60 of End
Scale :- NTS		
Drng.	Dgn.by	Appd.by
		Date: OCT-2021

CONSULTANT:

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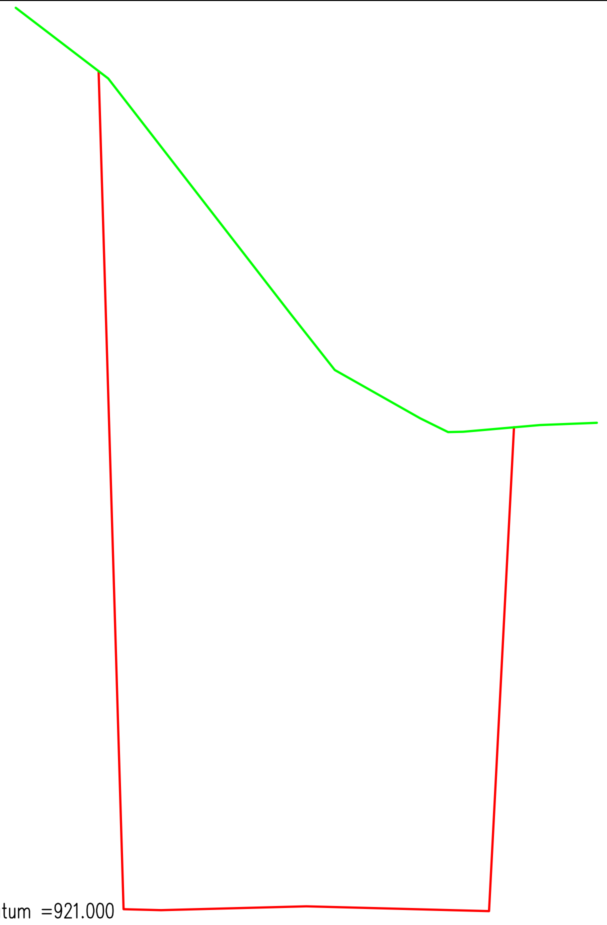
Level Datum =921.000

Design Levels	942.372, 921.584, 921.561, 921.649, 921.561, 921.539, 931.212, 929.282
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.272
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.272
Exi. Ground Levels	942.476, 941.811, 941.607, 941.652, 939.322, 933.302, 933.230, 931.190, 931.197, 931.243, 931.283, 927.602
Exi. Ground Offset	-5.099, -4.471, -4.278, -3.926, -1.951, 0.720, 1.552, 3.781, 4.789, 5.446, 6.213, 10.000

Chainage =56800.000



Level Datum =921.000

Design Levels	942.017, 921.836, 921.813, 921.901, 921.813, 921.791, 933.442
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	941.841, 936.160, 934.822, 933.660, 933.323, 933.333, 933.497
Exi. Ground Offset	-4.770, -0.375, 0.683, 2.745, 3.409, 3.775, 5.627

Chainage =56900.000

Level Datum =922.000

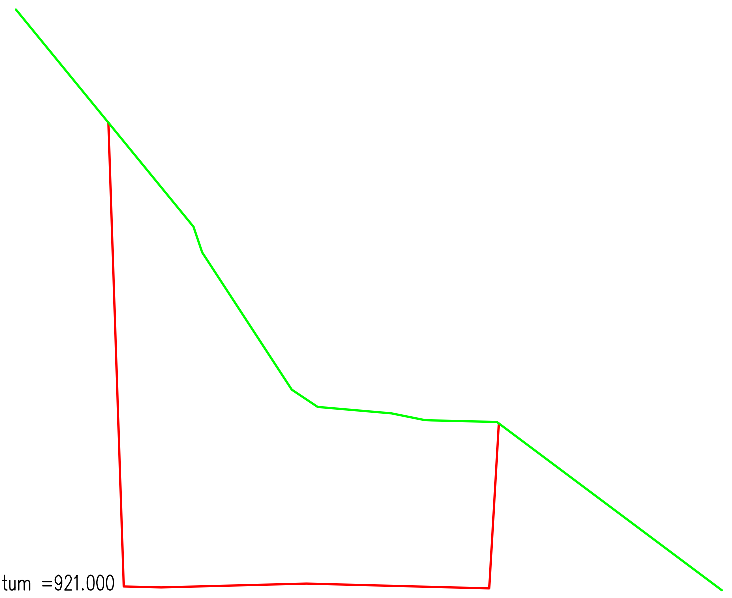
Design Levels	941.504, 922.087, 922.065, 922.152, 922.065, 922.042, 933.409, 931.422
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 9.090
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.090
Exi. Ground Levels	939.929, 937.955, 936.708, 935.303, 935.081, 934.461, 934.058, 934.044, 930.980
Exi. Ground Offset	-3.492, -2.982, -2.456, -1.850, -1.477, 1.851, 3.407, 3.692, 10.000

Chainage =57000.000

Level Datum =922.000

Design Levels	944.241, 922.339, 922.317, 922.404, 922.317, 922.294, 937.892
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	945.796, 944.690, 942.288, 939.281, 937.936, 937.769, 937.794, 937.879, 937.938
Exi. Ground Offset	-6.481, -5.463, -2.982, -0.377, 2.283, 2.652, 4.169, 4.664, 6.096

Chainage =57100.000



Level Datum =921.000

Design Levels	939.709, 921.710, 921.687, 921.775, 921.687, 921.665, 931.914, 929.449
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.292
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.292
Exi. Ground Levels	936.925, 936.307, 933.004, 932.589, 932.435, 932.267, 932.263, 932.224, 928.171
Exi. Ground Offset	-2.724, -2.513, -0.361, 0.270, 2.043, 2.838, 3.013, 4.586, 10.000

Chainage =56850.000

Level Datum =921.000

Design Levels	938.042, 921.962, 921.939, 922.027, 921.939, 921.917, 932.784, 930.277
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.580
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.580
Exi. Ground Levels	938.566, 936.148, 933.703, 933.611, 933.450, 933.367, 933.316, 933.312, 933.298, 932.693, 929.697, 929.342
Exi. Ground Offset	-5.613, -2.779, -1.717, -1.230, -0.777, 1.752, 3.771, 3.855, 4.691, 5.055, 9.427, 10.000

Chainage =56950.000

Level Datum =922.000

Design Levels	944.906, 922.213, 922.191, 922.278, 922.191, 922.168, 935.793, 932.746
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 9.689
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.689
Exi. Ground Levels	945.785, 943.713, 939.502, 938.066, 937.056, 936.812, 936.155, 935.961, 936.000, 935.900, 935.952, 934.017, 932.597
Exi. Ground Offset	-6.491, -2.977, -1.712, -0.954, -0.341, 0.037, 0.851, 1.044, 2.090, 3.458, 4.819, 7.030, 10.000

Chainage =57050.000

Level Datum =922.000

Design Levels	947.224, 922.465, 922.443, 922.530, 922.443, 922.420, 939.408
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	948.174, 941.911, 941.297, 939.614, 939.599, 939.570, 939.159, 939.157
Exi. Ground Offset	-5.704, -1.063, -0.198, 2.228, 3.122, 4.279, 6.114, 6.365

Chainage =57150.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 61
Sheet :	61 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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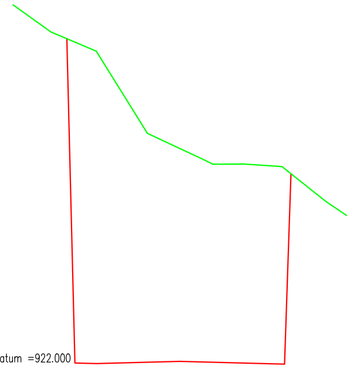
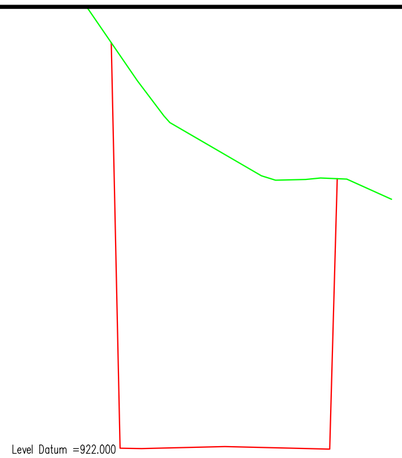
PH:0120-2400144



Level Datum =922.000

Design Levels		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
		946.269	922.591	922.568		922.656				922.568	922.546	940.230	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels	946.439		945.642	942.800 942.188			941.150 940.895		940.901 940.885				939.312
Exi. Ground Offset	-5.403		-3.513	-1.734 -1.358		0.865	1.577		2.687 2.909		4.289		6.155

Chainage =57200.000



Level Datum =922.000

Design Levels		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
		950.415	922.843	922.820		922.908				922.820	922.798	944.359	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels	952.759		948.491	947.908 947.798			944.494	3.500	944.342	944.399	944.354		
Exi. Ground Offset	-6.609		-3.679	-2.560 -2.370			1.534	944.311 2.129		3.388 4.018	5.117		

Chainage =57300.000

Level Datum =922.000

Design Levels		-5.000	-4.400	-3.500		0.000				3.500	4.400	5.000	
		947.930	922.969	922.946		923.034				922.946	922.924	941.481	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels	948.498		947.797	943.429		943.089	943.002	3.500	942.964	942.904			940.482
Exi. Ground Offset	-6.545		-4.685	-2.664		-1.420	-0.149	1.124	1.768	2.979			6.419

Chainage =57350.000

Level Datum =923.000

Design Levels		-5.000	-4.400	-3.500		0.000				3.500	4.400	5.000	
		944.795	923.220	923.198		923.265				923.198	923.175	939.731	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels							941.895			942.693 940.443	938.702		
Exi. Ground Offset							1.119			3.944 4.396	5.003 5.503		6.493

Chainage =57450.000

Level Datum =922.000

Design Levels		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
		951.669	922.717	922.694		922.782				922.694	922.672	941.745	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels	951.807 951.006		950.172	947.401	943.754		942.947		942.923	942.834	942.830		
Exi. Ground Offset	-5.059 -4.716		-3.917	-2.486	-1.261		0.056		1.530	2.373	3.284		

Chainage =57250.000

Level Datum =922.000

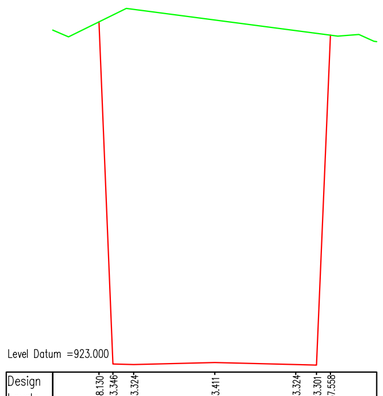
Design Levels		-5.000	-4.400	-3.500		0.000				3.500	4.400	5.000	
		947.930	922.969	922.946		923.034				922.924	922.902	941.481	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels	948.498		947.797	943.429		943.089	943.002	3.500	942.964	942.904			940.482
Exi. Ground Offset	-6.545		-4.685	-2.664		-1.420	-0.149	1.124	1.768	2.979			6.419

Chainage =57350.000

Level Datum =923.000

Design Levels		-5.000	-4.400	-3.500		0.000				3.500	4.400	5.000	
		943.904	923.095	923.072		923.160				923.072	923.050	940.544	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels		943.824	943.398 942.268			941.832			940.651	940.621	940.550	940.503	
Exi. Ground Offset		-5.024	-3.128 -2.770			-1.278			2.733	3.541	4.816	6.132	

Chainage =57400.000



Level Datum =923.000

Design Levels		-5.000	-4.400	-3.500		-0.000				3.500	4.400	5.000	
		938.130	923.346	923.324		923.411				923.324	923.301	937.558	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels	937.463		938.711								937.517	937.584	
Exi. Ground Offset	-6.318		-3.817								5.314	6.227	6.879

Chainage =57500.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 62		Sheet : 62 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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PH:0120-2400144

Level Datum =923.000

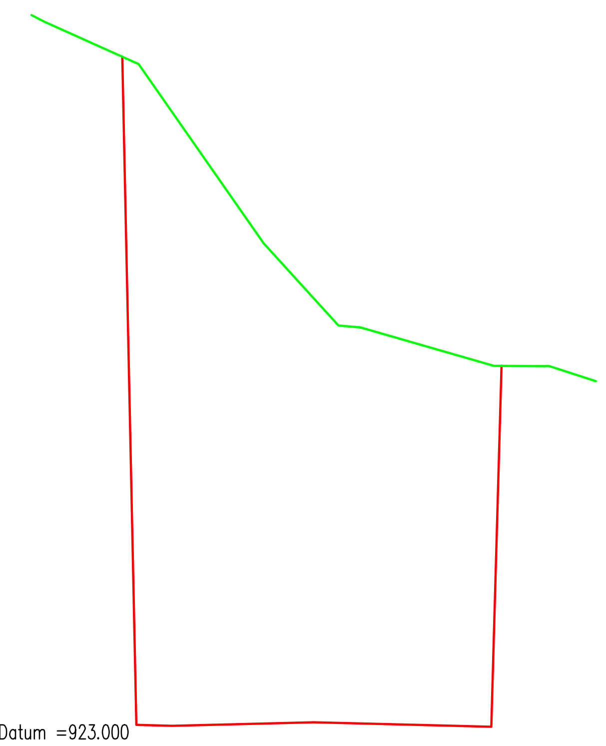
Row	Values
Design Levels	953.103, 923.472, 923.450, 923.537, 923.450, 923.427, 941.360
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	953.010, 951.191, 949.045, 943.611, 940.121, 939.762, 939.943, 940.007
Exi. Ground Offset	−4.612, 0.137, 2.878, 4.219, 5.429, 5.811, 6.721, 6.950

Chainage =57550.000

Level Datum =923.000

Row	Values
Design Levels	950.461, 923.724, 923.702, 923.789, 923.702, 923.679, 940.405
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	950.507, 950.169, 950.478, 948.532, 940.577, 939.946, 940.672, 940.355
Exi. Ground Offset	−5.141, −4.099, −0.059, 1.414, 3.659, 4.007, 5.576, 6.819

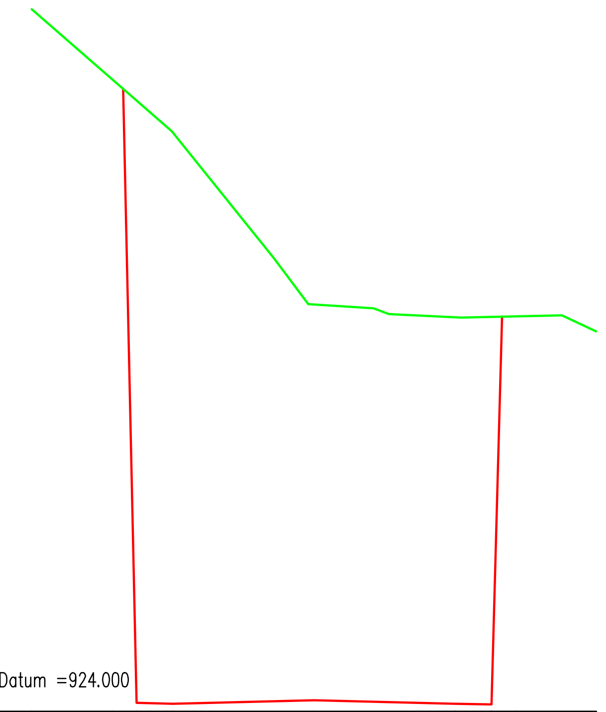
Chainage =57650.000



Level Datum =923.000

Row	Values
Design Levels	952.733, 923.976, 923.953, 924.041, 923.953, 923.931, 944.952
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	953.480, 952.437, 947.993, 945.956, 945.910, 944.957, 944.946, 944.950
Exi. Ground Offset	−6.673, −4.338, −1.240, 0.616, 1.158, 4.470, 5.636, 5.849

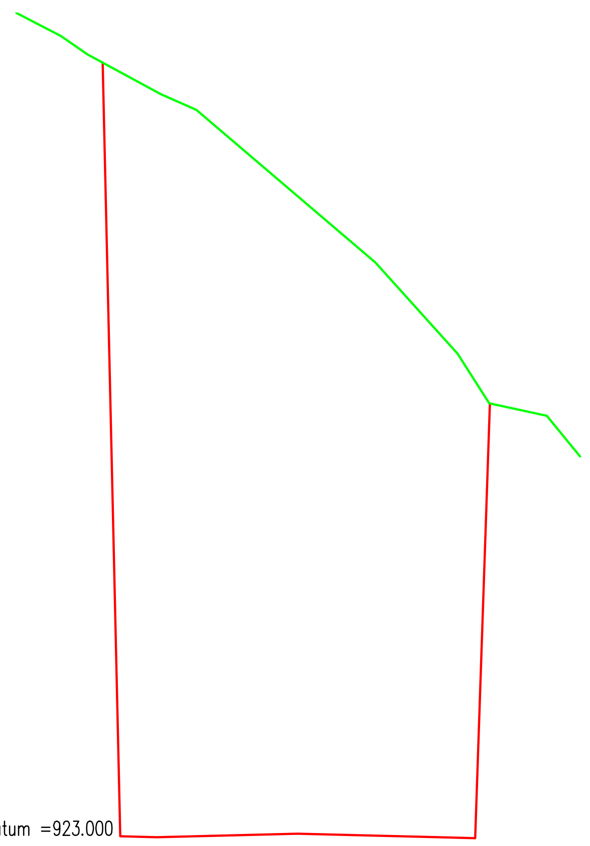
Chainage =57750.000



Level Datum =924.000

Row	Values
Design Levels	951.564, 924.228, 924.205, 924.293, 924.205, 924.183, 945.693
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	950.281, 947.138, 945.995, 945.897, 945.747, 945.745, 945.664, 945.718
Exi. Ground Offset	−3.524, −1.000, −0.139, 1.482, 1.861, 2.011, 3.652, 6.149

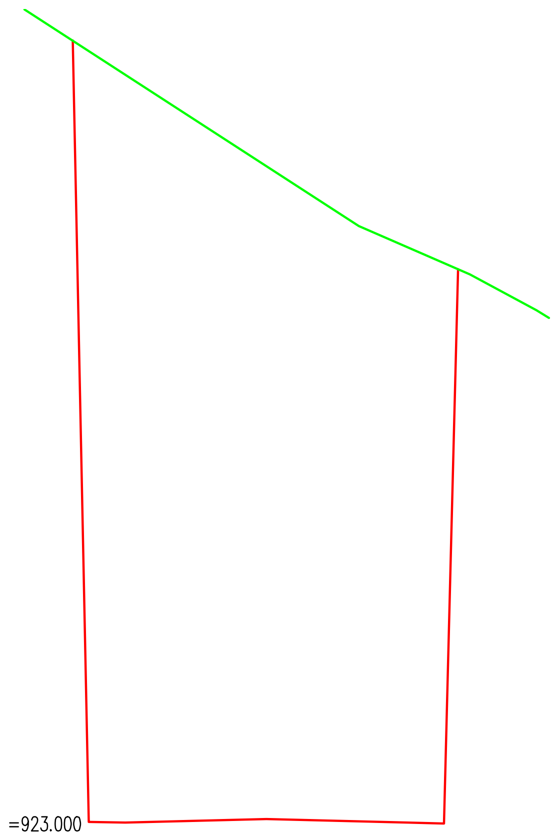
Chainage =57850.000



Level Datum =923.000

Row	Values
Design Levels	949.941, 923.598, 923.576, 923.663, 923.576, 923.553, 941.354
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	950.514, 950.057, 949.071, 948.682, 944.899, 942.641, 941.409, 941.101
Exi. Ground Offset	−5.879, −5.213, −3.395, −2.520, 1.922, 3.961, 4.748, 6.178

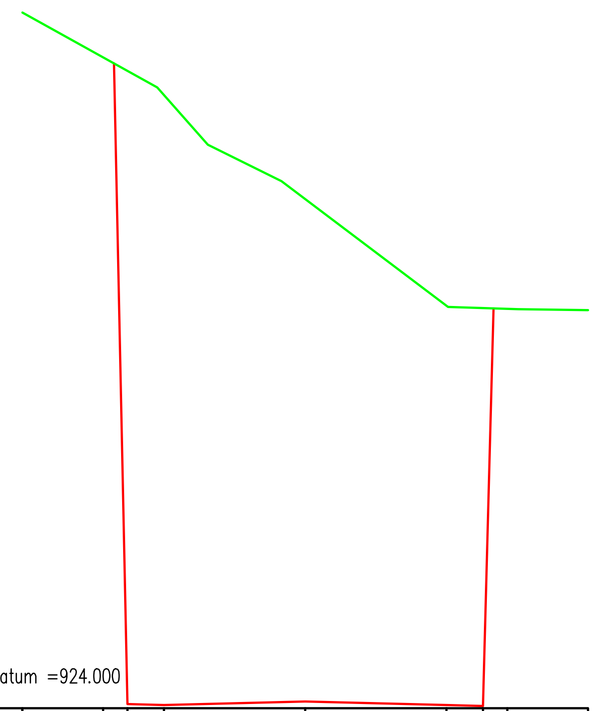
Chainage =57600.000



Level Datum =923.000

Row	Values
Design Levels	953.089, 923.850, 923.827, 923.915, 923.827, 923.805, 947.188
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	948.360, 947.169, 946.278
Exi. Ground Offset	2.289, 5.044, 6.689

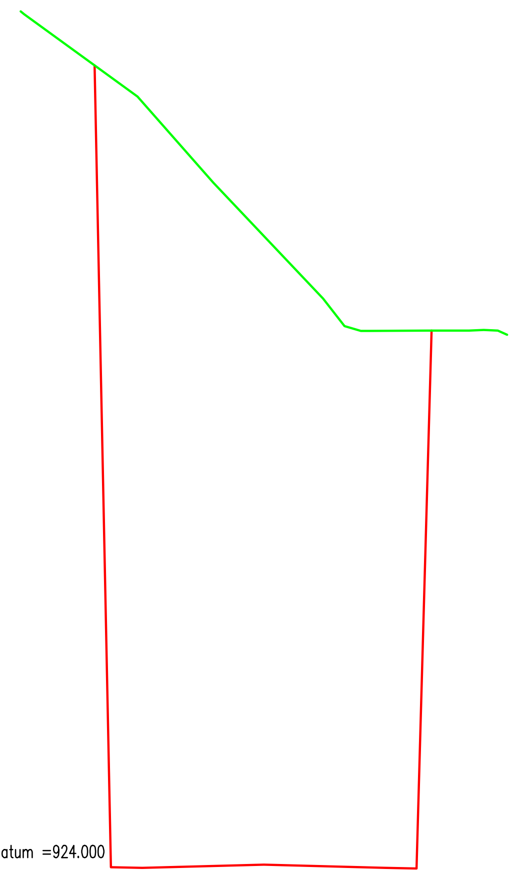
Chainage =57700.000



Level Datum =924.000

Row	Values
Design Levels	952.553, 924.102, 924.079, 924.167, 924.079, 924.057, 946.318
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	951.810, 950.391, 949.482, 946.367, 946.310, 946.309
Exi. Ground Offset	−3.660, −2.412, −0.587, 3.534, 5.269, 5.272

Chainage =57800.000



Level Datum =924.000

Row	Values
Design Levels	953.915, 924.353, 924.331, 924.418, 924.331, 924.308, 946.192
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	955.292, 952.929, 950.445, 947.115, 946.320, 946.186, 946.183, 946.193, 946.188, 946.209, 946.194
Exi. Ground Offset	−6.897, −3.640, −1.450, 1.707, 2.327, 2.796, 3.044, 4.704, 5.903, 6.329, 6.741

Chainage =57900.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 63
Sheet :	63 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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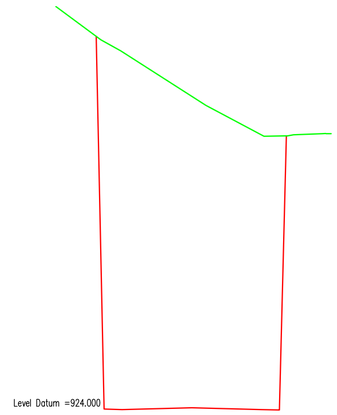
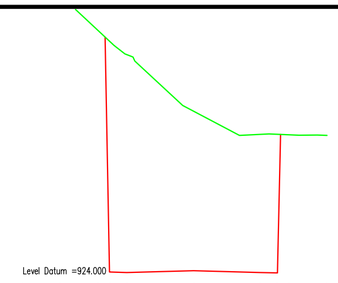


Level Datum =924.000

Design Levels		-5.000 952.589	-4.400 924.465	-3.500 924.583		-0.000 924.676			3.500 924.583	4.400 924.566	5.000 947.369	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels	953.678				-2.933 950.593		-0.578 949.678 -0.178 949.638		1.057 949.604 1.584 949.589		2.980 949.548	6.548 945.683
Exi. Ground Offset	0.000 953.678	-5.144 953.678										

Chainage =58000.000



Level Datum =924.000

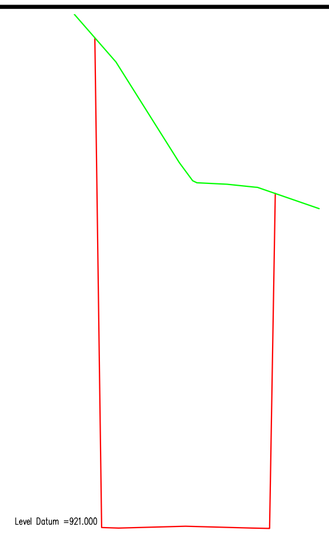
Design Levels		-5.000 954.331	-4.400 924.857	-3.500 924.835		-0.000 924.922			3.500 924.835	4.400 924.812	5.000 950.312	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels	954.805				-2.835 950.197		-0.785 949.977 -0.086 949.971		2.466 950.781		3.105 950.722 3.505 950.508	6.793 949.675
Exi. Ground Offset	-5.894 954.805										4.448	

Chainage =58050.000

Level Datum =924.000

Design Levels		-5.000 960.642	-4.400 924.985	-3.500 924.142		-0.000 924.229			3.500 924.142	4.400 924.120	5.000 956.101	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels	960.642				-1.611 958.788		0.511 957.695	2.140 956.615	3.080 956.344	4.703 956.413 5.111 956.435		6.784 956.422
Exi. Ground Offset	-0.000 960.642 -4.200 960.111											

Chainage =58200.000



Level Datum =921.000

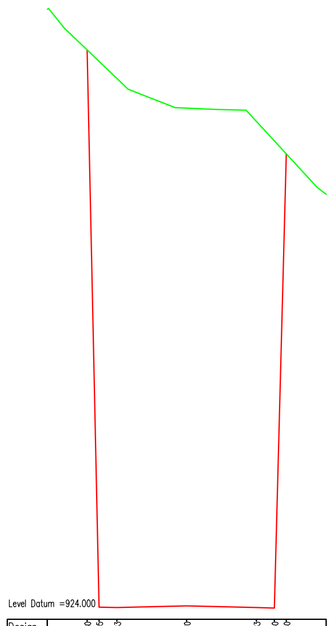
Design Levels		-5.000 965.628	-4.400 921.463	-3.500 921.440		0.000 921.528			3.500 921.440	4.400 921.418	5.000 957.074	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels	967.505				-3.650 964.072		-0.330 958.802 0.374 957.743 0.588 957.743		2.169 957.657	3.178 957.628 3.578 957.628		6.693 949.934
Exi. Ground Offset	-6.433 967.505											

Chainage =58300.000

Level Datum =916.000

Design Levels		-5.000 955.848	-4.400 916.751	-3.500 916.728		0.000 916.816			3.500 916.728		5.000 953.149	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels	955.861				-2.904 954.904		-1.231 954.355 -0.600 954.333	0.434 954.304	1.250 954.302	2.434 954.304		4.847 953.206
Exi. Ground Offset	-5.029 955.861											

Chainage =58400.000



Level Datum =924.000

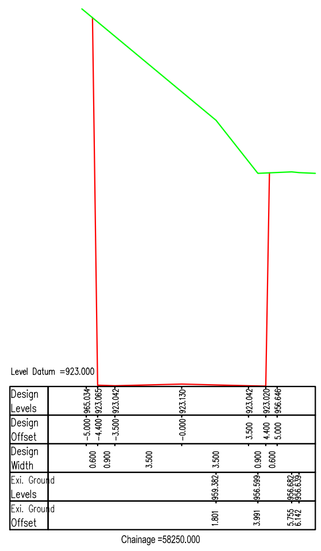
Design Levels		-5.000 952.589	-4.400 924.605	-3.500 924.583		-0.000 924.676			3.500 924.583	4.400 924.566	5.000 947.369	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels	953.678				-2.933 950.593		-0.578 949.678 -0.178 949.638		1.057 949.604 1.584 949.589		2.980 949.548	6.548 945.683
Exi. Ground Offset	0.000 953.678	-5.144 953.678										

Chainage =58000.000

Level Datum =924.000

Design Levels		-5.000 960.469	-4.400 924.762	-3.500 924.739		-0.000 924.827			3.500 924.739	4.400 924.717	5.000 951.317	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels	960.469				-2.035 956.895		0.699 954.500	1.684 954.379	4.510 951.298		5.755 951.682 6.142 951.635	
Exi. Ground Offset	-4.600 960.469											

Chainage =58150.000



Level Datum =923.000

Design Levels		-5.000 965.034	-4.400 923.065	-3.500 923.042		-0.000 923.130			3.500 923.042	4.400 923.020	5.000 956.646	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels	965.034							3.500 958.382	3.991 956.599		5.755 956.682 6.142 956.635	
Exi. Ground Offset	-5.000 965.034											

Chainage =58250.000

Level Datum =919.000

Design Levels		-5.000 966.708	-4.400 919.359	-3.500 919.336		-0.000 919.421			3.500 919.336	4.400 919.313	5.000 965.171	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels						0.044 965.446		1.848 965.740				
Exi. Ground Offset												

Chainage =58350.000

Level Datum =913.000

Design Levels		-5.000 960.532	-4.400 913.862	-3.500 913.840		0.000 913.927			3.500 913.840		5.000 949.867	
Design Offset												
Design Width		0.600	0.900	3.500			3.500		0.900	0.600		
Exi. Ground Levels						0.172 954.406		0.614 951.507	1.602 951.389		4.747 949.869	6.548 949.934
Exi. Ground Offset	-4.910 960.532					-0.615 954.355					5.711 949.884	6.793 949.934

Chainage =58450.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 64		Sheet : 64 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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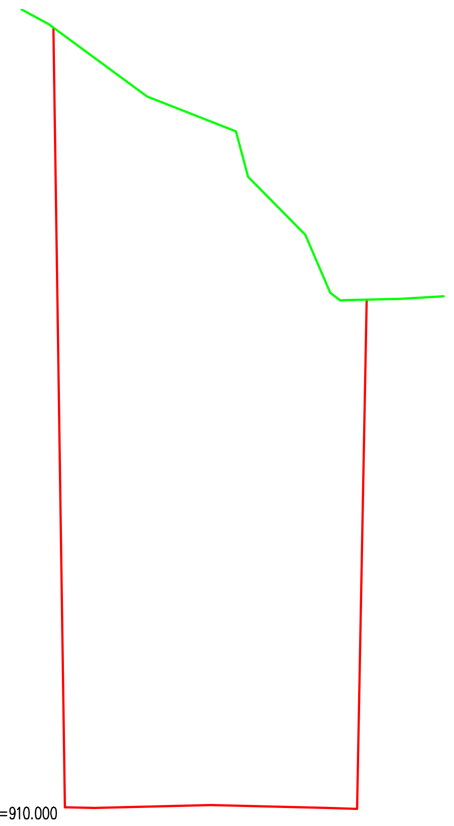


Level Datum =910.000

Row	Values
Design Levels	952.003, 910.973, 910.950, 911.038, 910.950, 910.928, 943.669
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	951.942, 949.762, 948.717, 947.352, 945.607, 943.869, 943.645, 943.687
Exi. Ground Offset	−4.889, −1.919, 0.745, 1.111, 2.840, 3.587, 4.076, 5.701

Chainage =58500.000

Level Datum =905.000

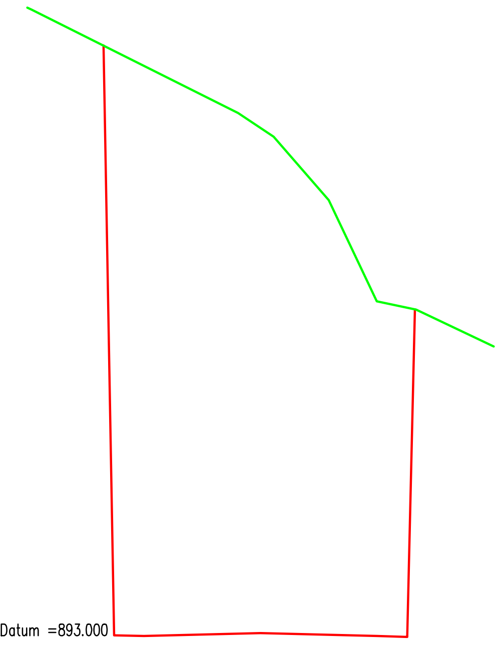
Row	Values
Design Levels	940.757, 905.194, 905.172, 905.259, 905.172, 905.149, 932.624
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	940.174, 935.920, 932.611, 932.635, 932.631, 932.624, 932.602, 931.746
Exi. Ground Offset	−4.302, −1.318, 2.359, 3.037, 3.780, 4.986, 5.625, 6.849

Chainage =58600.000

Level Datum =899.000

Row	Values
Design Levels	927.795, 899.415, 899.393, 899.480, 899.393, 899.370, 922.182
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	929.206, 925.564, 924.052, [illegible], 923.573, 922.678, 922.663, 922.578, 922.520, 922.480, 922.155
Exi. Ground Offset	−5.640, −3.988, −3.171, [illegible], −2.878, 0.461, 0.771, 1.815, 3.062, 3.450, 5.142

Chainage =58700.000



Level Datum =893.000

Row	Values
Design Levels	927.341, 893.636, 893.614, 893.701, 893.614, 893.591, 919.110
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	928.280, 925.172, 924.463, 922.557, 919.513, 919.267
Exi. Ground Offset	−6.873, −0.674, 0.389, 2.049, 3.483, 4.670

Chainage =58800.000

Level Datum =887.000

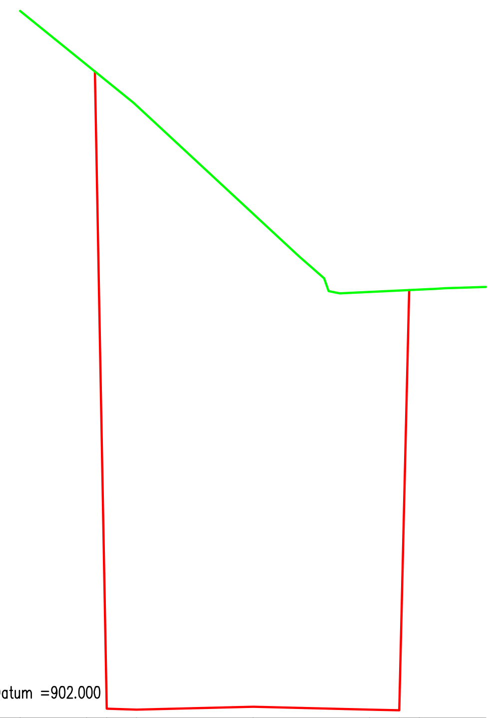
Row	Values
Design Levels	919.332, 887.858, 887.835, 887.923, 887.835, 887.813, 908.548
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	919.528, 918.733, 912.470, 911.782, 911.899, 911.601, [illegible], 910.888
Exi. Ground Offset	−5.589, −3.200, 0.216, 0.536, 1.589, 3.346, [illegible], 3.839

Chainage =58900.000

Level Datum =908.000

Row	Values
Design Levels	944.199, 908.084, 908.061, 908.149, 908.061, 908.039, 935.670
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	[illegible], 939.196, 937.208, 936.403, 936.398, 936.354, 936.337, 936.340
Exi. Ground Offset	[illegible], −2.137, −0.610, 0.269, 1.404, 2.154, 2.922, 3.888

Chainage =58550.000



Level Datum =902.000

Row	Values
Design Levels	934.695, 902.305, 902.282, 902.370, 902.282, 902.260, 927.949
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	933.556, 928.948, 928.288, [illegible], 927.836, 927.961, [illegible], 927.987
Exi. Ground Offset	−3.594, 1.381, 2.138, 2.270, 2.614, 5.253, [illegible], 5.775

Chainage =58650.000

Level Datum =896.000

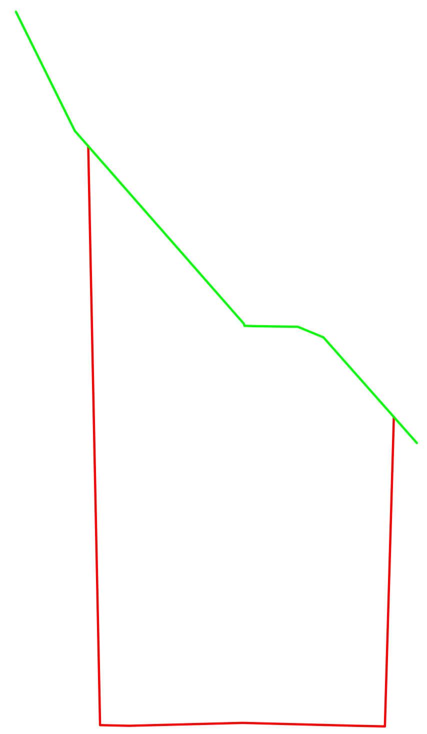
Row	Values
Design Levels	931.965, 896.526, 896.503, 896.591, 896.503, 896.481, 921.714
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	929.894, 927.528, 927.467, 921.870, 921.663, 920.721
Exi. Ground Offset	−1.639, 1.701, 1.712, 3.932, 5.350, 5.980

Chainage =58750.000

Level Datum =890.000

Row	Values
Design Levels	921.035, 890.747, 890.724, 890.812, 890.724, 890.702, 914.779
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	916.112, 916.119, 915.368, 915.362, 915.376, 915.488, 915.549
Exi. Ground Offset	−0.772, −0.514, 1.865, 2.225, 3.289, 4.328, 4.692

Chainage =58850.000



Level Datum =866.000

Row	Values
Design Levels	914.540, 884.968, 884.946, 885.033, 884.946, 884.923, 905.531, 902.432, 866.168, 866.184
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 8.414, 9.014, 9.926
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.414, 0.601, 0.912
Exi. Ground Levels	914.740, 908.779, 908.701, 908.680, 908.352, 905.089, 901.037
Exi. Ground Offset	−5.175, 0.043, 0.382, 1.711, 2.503, 5.391, 10.000

Chainage =58950.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widening/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 65
Sheet :	65 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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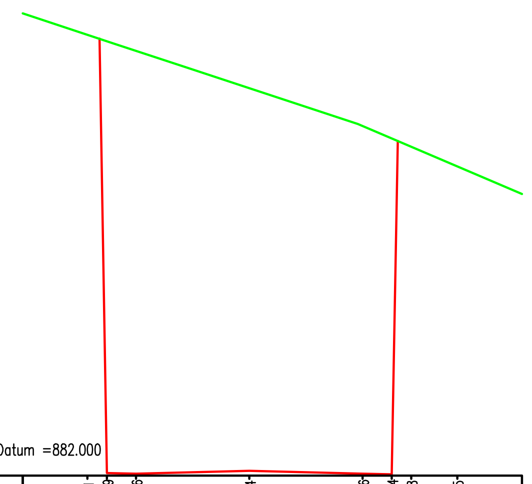
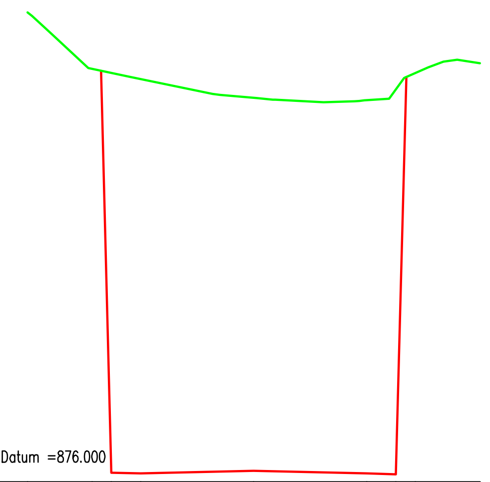
PH:0120-2400144



Level Datum =882.000

Design Levels	917.351 882.079 882.056 882.144 882.056 882.034 913.888 913.545
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 6.426
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.426
Exi. Ground Levels	917.066 916.362 914.592
Exi. Ground Offset	−4.138 −2.006 3.354

Chainage =59000.000



Level Datum =876.000

Design Levels	899.276 876.300 876.277 876.365 876.277 876.255 899.150
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	[illegible] 900.348 899.302 899.023 898.500 898.475 898.369 898.324 898.321 898.241 898.276 898.299 898.350 898.997 899.323 899.504 899.560
Exi. Ground Offset	−6.853 −6.247 −5.121 −3.815 −1.266 −1.039 0.108 0.587 0.665 2.158 3.121 3.417 4.192 4.651 5.392 5.865 6.292

Chainage =59100.000

Level Datum =860.000

Design Levels	860.876 860.898 889.216 891.373 870.521 870.499 870.586 870.499 870.476 895.384
Design Offset	−9.883 −8.973 −8.367 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000
Design Width	0.909 0.606 3.367 0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	888.491 890.101 893.103 893.308 893.364 893.365 893.402 894.111 895.222
Exi. Ground Offset	−10.000 −8.013 −0.901 −0.678 0.720 0.872 1.417 2.250 4.845

Chainage =59200.000

Level Datum =864.000

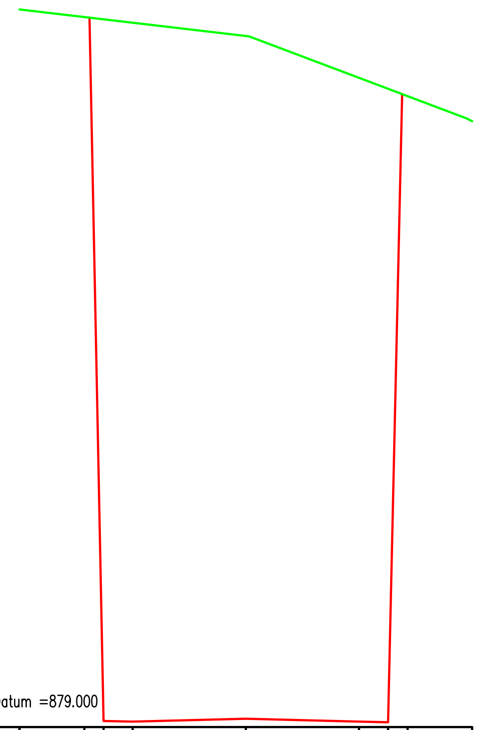
Design Levels	884.163 864.751 864.729 864.816 864.729 864.706 887.144
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	884.179 884.483 885.060 886.663 886.701 886.767 887.158 887.144 886.754 886.751 886.685
Exi. Ground Offset	−4.925 −3.422 −2.936 1.727 1.939 2.184 5.103 5.259 6.143 6.209 6.742

Chainage =59300.000

Level Datum =862.000

Design Levels	878.842 862.482 862.460 862.547 862.460 862.437 874.934 872.272
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 9.317
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.317
Exi. Ground Levels	878.822 878.121 875.546 873.903 871.846
Exi. Ground Offset	−4.897 −2.761 3.983 6.710 10.000

Chainage =59350.000



Level Datum =879.000

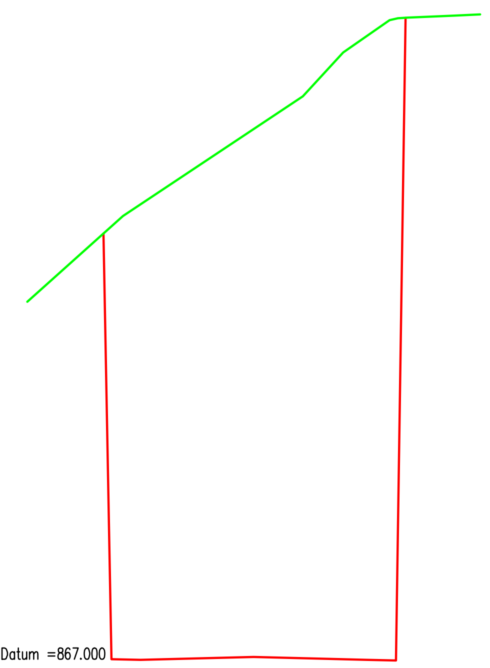
Design Levels	908.739 879.189 879.167 879.254 879.167 879.144 906.293
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	908.142 905.606
Exi. Ground Offset	0.096 6.820

Chainage =59050.000

Level Datum =873.000

Design Levels	882.753 882.806 882.740 873.410 873.388 873.475 873.388 873.365 894.848 895.129
Design Offset	−9.509 −9.098 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 7.034
Design Width	0.411 4.098 0.600 0.900 3.500 3.500 0.900 0.600 2.034
Exi. Ground Levels	882.821 882.719 889.722 890.644 894.859 894.812 895.498
Exi. Ground Offset	−10.000 −3.692 1.220 2.786 4.864 5.479 8.829

Chainage =59150.000



Level Datum =867.000

Design Levels	900.132 867.632 867.609 867.697 904.545 867.609 867.587 907.136
Design Offset	−5.000 −4.400 −3.500 0.000 0.108 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 0.108 3.392 0.900 0.600
Exi. Ground Levels	900.991 904.700 906.052 907.045 907.110 907.125 907.193
Exi. Ground Offset	−4.037 1.517 2.763 4.205 4.461 4.766 6.157

Chainage =59250.000

Level Datum =861.000

Design Levels	892.303 861.191 861.169 861.256 861.169 861.146 879.025
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	892.319 892.342 890.230 884.863 882.305 879.093 879.088 879.663 879.109 879.102 879.100
Exi. Ground Offset	−4.427 −3.966 −3.125 −0.536 0.292 1.777 1.796 2.928 3.269 3.310 4.815

Chainage =59400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 66			Sheet : 66 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
Flat No, - 68, Ajanta Apartment, 36, I.P Extension
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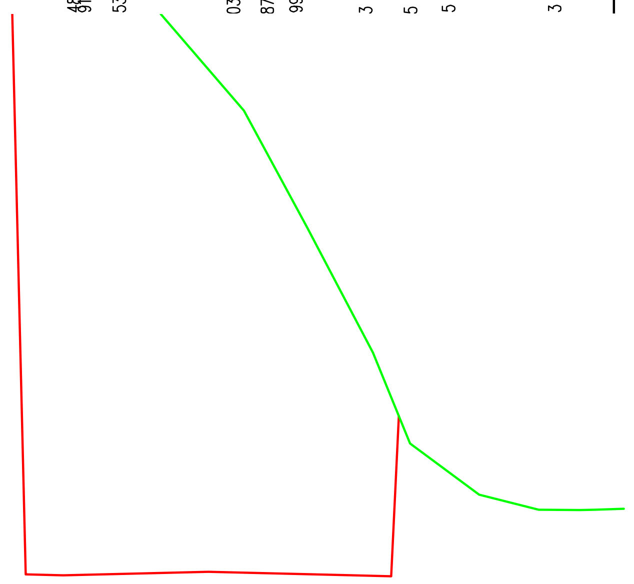
E-mail : taspl.bd2019@gmail.com

M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144

evel Datum =860.000

esign evels	871.703, 887.411, 883.147, 860.862, 881.876, 860.839, 860.927, 860.839, 860.817, 875.537
esign ffset	-9.104, -8.504, -5.000, -4.400, -4.010, -3.500, -0.000, 3.500, 4.400, 5.000
esign idth	0.600, 3.504, 0.600, 0.390, 3.500, 3.500, 0.900, 0.600
xi. Ground evels	888.490, 884.780, 883.883, 882.990, 879.328, 878.209, 878.091, 876.667, 876.675, 876.723, 875.147
xi. Ground	[illegible]



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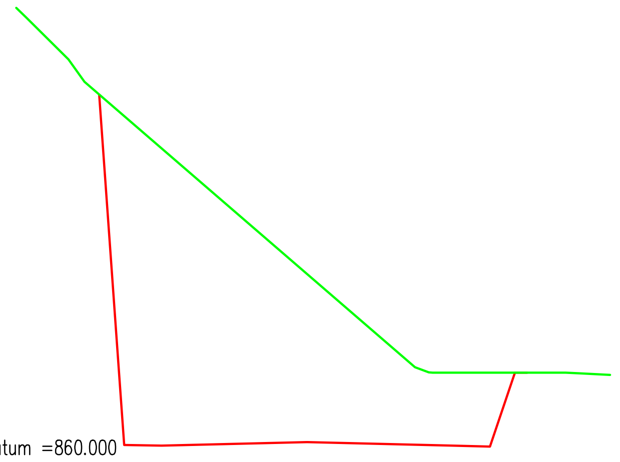
	884.788, 885.766, 860.862, 860.839, 860.927, 860.839, 860.817, 873.329, 871.862
	-8.282, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 9.923
	3.282, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.923
	85.242, 86.061, 81.445, 78.630, 75.618, 73.436, 72.198, 71.836, 71.833, 71.841, 71.865

Level Datum =860.000

Design Levels	873.874, 860.862, 860.839, 860.927, 860.839, 860.817, 865.405, 865.485
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.734
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.734
Exi. Ground Levels	874.035, 872.740, 867.377, 866.149, 867.196, 866.285, [illegible], 865.717, 865.574, 865.478, 865.427, 865.354, 865.700
Exi. Ground	[illegible]



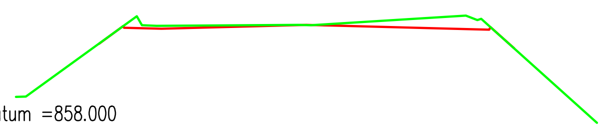
Level Datum =860.000

Design Levels	869.293, 860.862, 860.839, 860.927, 860.839, 860.817, 862.599, 862.598
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.290
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Exi. Ground Levels	871.153, 870.146, 869.602, 862.731, 862.598, 862.600, 862.597, 862.603, 862.582
Exi. Ground Offset	-6.757, -5.743, -5.358, 2.592, 3.017, 4.724, 5.439, 6.218, 6.538

Level Datum =860.000

Design Levels	861.249, 861.236, 860.862, 860.839, 860.927, 860.839, 860.817, 860.857, 860.802
Design Offset	-5.000, -4.587, -4.400, -3.500, 0.000, 3.500, 4.400, 4.420, 5.000
Design Width	0.413, 0.900, 3.500, 3.500, 0.900, 0.020
Exi. Ground Levels	861.276, 861.292, 861.282, 861.088, 861.078, 860.938, [illegible], 860.911
Exi. Ground Offset	-6.840, -6.269, -6.032, -0.044, 0.210, 3.450, [illegible], 3.860

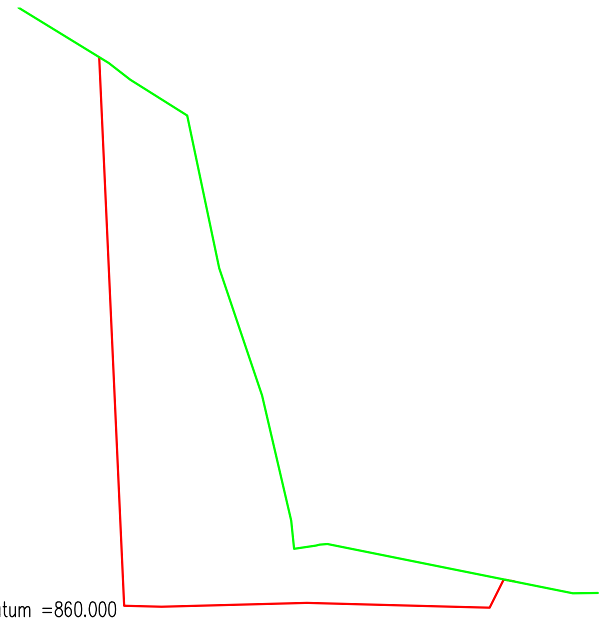
Chainage =59650.000



Level Datum =858.000

Design Levels	860.479, [illegible], 860.862, 860.839, 860.927, 860.839, 860.817, 860.880, 860.368
Design Offset	-5.000, -4.418, -4.400, -3.500, 0.000, 3.500, 4.400, 4.431, 5.000
Design Width	0.582, 0.900, 3.500, 3.500, 0.900, 0.031
Exi. Ground Levels	859.206, 861.138, [illegible], 860.904, 860.932, 860.925, 861.155, 861.080
Exi. Ground Offset	-6.763, -4.087, [illegible], -3.611, -0.205, 0.109, 3.841, 4.209

Chainage =59700.000



Level Datum =860.000

Design Levels	874.096, 860.885, 860.863, 860.950, 860.863, 860.840, 861.519, 861.467
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.740, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.340
Exi. Ground Levels	873.956, 873.558, 872.694, 869.015, 865.947, 862.935, [illegible], [illegible], 862.373, 861.185
Exi. Ground Offset	-4.772, -4.249, -2.878, -2.108, -1.079, -0.377, -0.305, 0.217, 0.491, 6.406

Chainage =59750.000

Level Datum =861.000

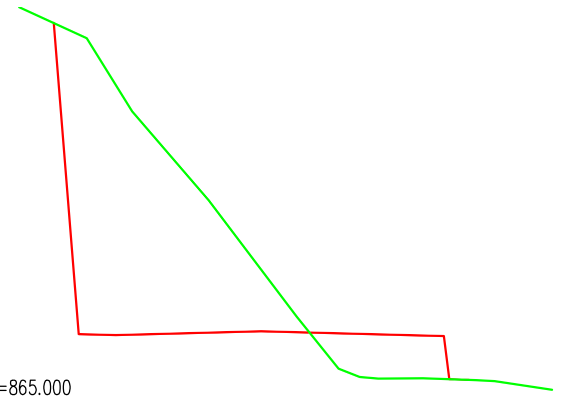
Design Levels	869.587, 865.526, 861.803, 861.780, 861.868, 861.780, 861.758, 861.867, 861.850
Design Offset	-8.292, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.455, 5.000
Design Width	3.292, 0.600, 0.900, 3.500, 3.500, 0.900, 0.055
Exi. Ground Levels	871.577, 867.139, 864.359, 862.802, 861.979, 861.920, 861.885, 861.847, 861.826
Exi. Ground Offset	-10.000, -6.191, -4.138, -0.956, 2.244, 2.942, 3.887, 5.099, 5.825

Chainage =59800.000

Level Datum =863.000

Design Levels	872.385, 864.057, 864.034, 864.122, 864.034, 864.012, 863.366, 863.343
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.481, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.081
Exi. Ground Levels	873.026, 869.895, 869.385, 869.002, 868.767, 863.373, 863.331, 863.298
Exi. Ground Offset	-5.728, -2.171, -1.659, -1.534, -1.092, 4.310, 5.282, 6.262

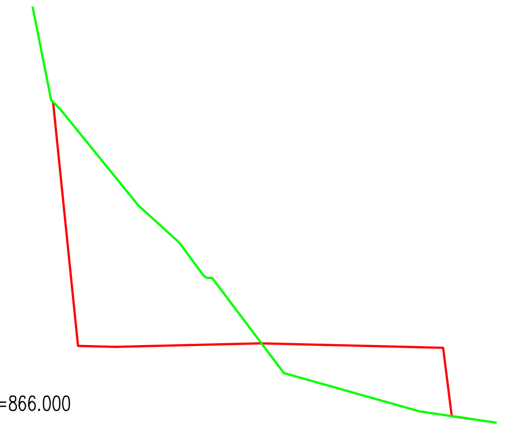
Chainage =59850.000



Level Datum =865.000

Design Levels	874.585, 867.085, 867.062, 867.150, 867.062, 867.040, 865.996, 865.981
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.530, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.130
Exi. Ground Levels	875.065, 874.215, 872.458, 870.316, 867.504, 866.249, 866.052, 866.015, 866.017, 865.975, 865.953
Exi. Ground Offset	-6.035, -4.203, -3.106, -1.268, 0.853, 1.861, 2.372, 2.816, 3.896, 5.190, 5.622

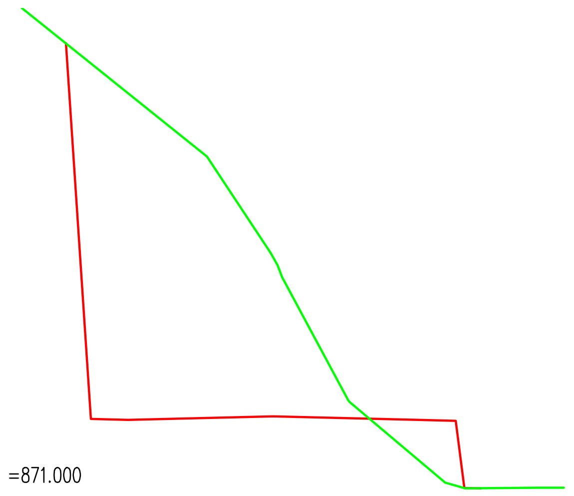
Chainage =59900.000



Level Datum =866.000

Design Levels	875.999, 870.117, 870.095, 870.182, 870.095, 870.072, 868.425, 868.366
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.606, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.206
Exi. Ground Levels	880.965, 880.475, 876.049, 875.831, 873.506, 872.609, 871.820, 871.750, 869.461, 868.541, 868.265
Exi. Ground Offset	-6.171, -5.922, -5.051, -4.831, -2.945, -1.960, -1.382, -1.168, 0.559, 3.836, 5.672

Chainage =59950.000



Level Datum =871.000

Design Levels	882.197, 873.150, 873.127, 873.215, 873.127, 873.105, 871.486, 871.481
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.602, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.202
Exi. Ground Levels	883.467, 879.467, 877.147, 876.564, 873.599, 873.560, 871.615, 871.478, 871.491, 871.490
Exi. Ground Offset	-6.582, -1.600, -0.062, 0.213, 1.812, 1.836, 4.147, 4.632, 6.373, 6.450

Chainage =60000.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 67			Sheet : 67 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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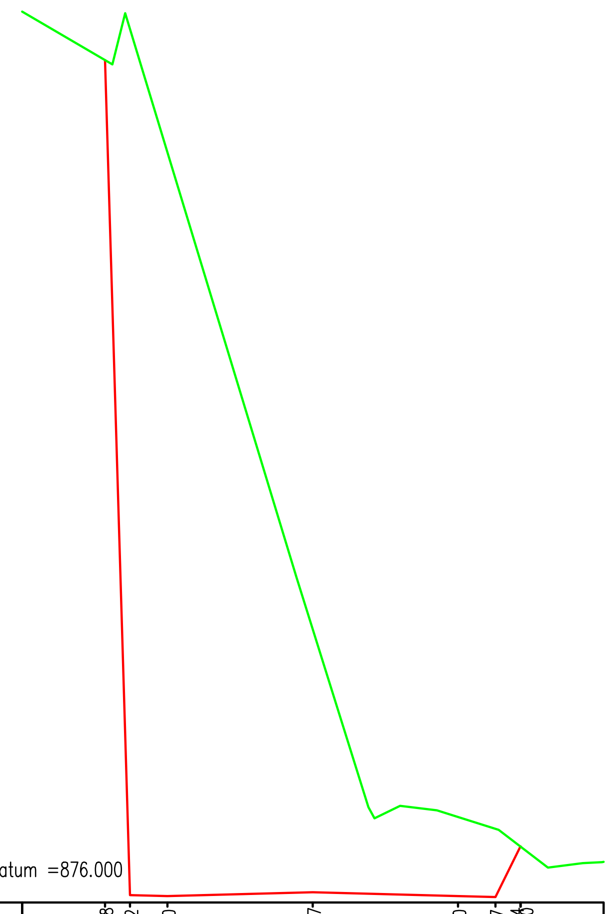
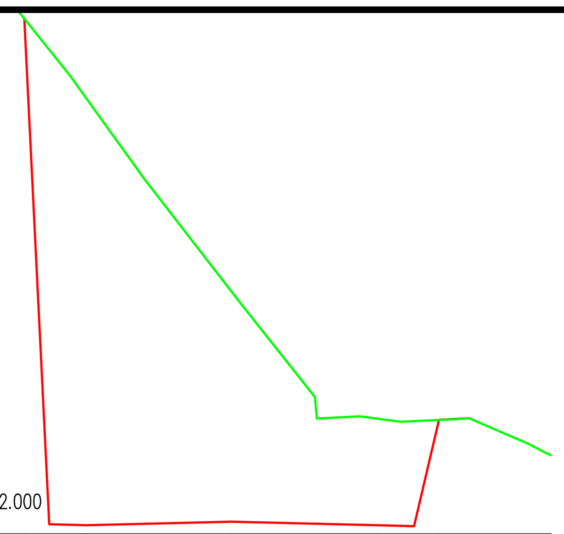
M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144



Level Datum =876.000

Design Levels	896.288 876.182 876.160 876.247 876.160 876.137 877.354 877.350
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.006
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	896.186 897.423 883.840 878.302 878.030 878.329 878.221 877.753 876.842 876.948 876.976
Exi. Ground Offset	-4.826 -4.513 -0.393 1.337 1.484 2.102 2.991 4.480 5.667 6.508 6.967

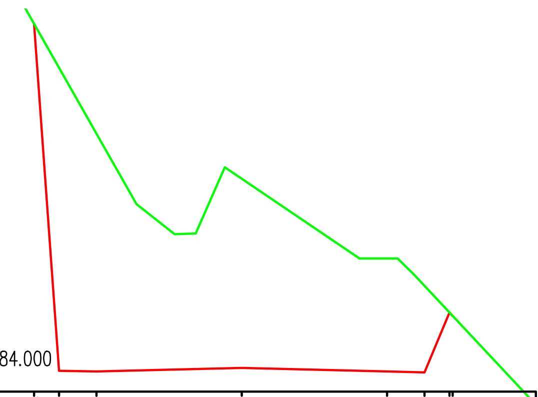
Chainage =60050.000



Level Datum =882.000

Design Levels	894.418 882.247 882.225 882.312 882.225 882.202 884.757 884.800
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.699
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.699
Exi. Ground Levels	896.252 893.050 892.117 890.536 887.590 885.306 884.788 884.842 884.715 884.776 884.802 884.174 883.959
Exi. Ground Offset	-6.466 -3.906 -3.236 -2.094 0.197 2.010 2.054 3.090 4.063 5.414 5.721 7.172 7.582

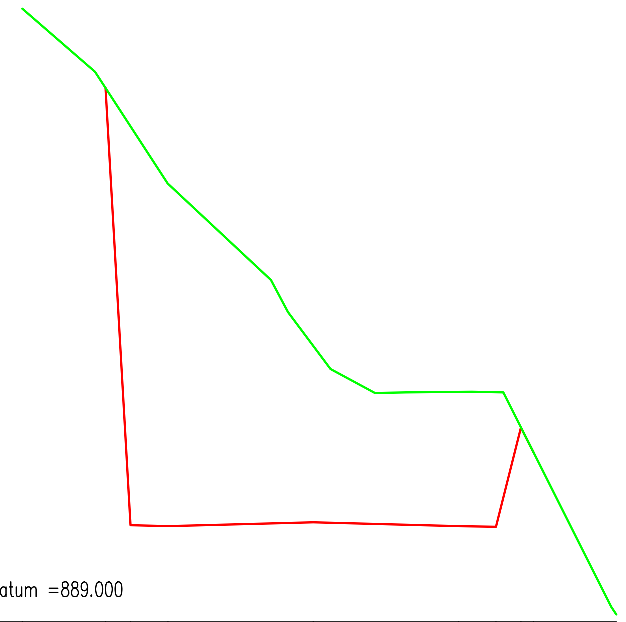
Chainage =60150.000



Level Datum =884.000

Design Levels	893.634 885.280 885.257 885.345 885.257 885.235 886.682 886.596
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 5.081
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	897.366 895.387 889.290 888.564 888.581 890.179 887.981 887.979 887.606
Exi. Ground Offset	-6.709 -5.994 -2.538 -1.616 -1.112 -0.407 2.835 3.750 4.137

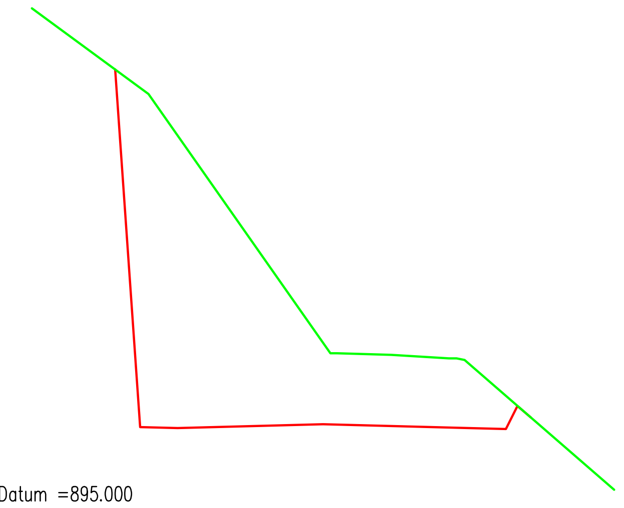
Chainage =60200.000



Level Datum =889.000

Design Levels	901.867 891.345 891.322 891.410 891.322 891.300 893.692 893.098
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.299
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Exi. Ground Levels	902.261 899.573 897.244 896.474 895.104 894.522 894.538 894.551 894.553 894.541 889.373
Exi. Ground Offset	-5.257 -3.505 -1.016 -0.605 0.418 1.489 2.229 3.036 3.820 4.572 7.176

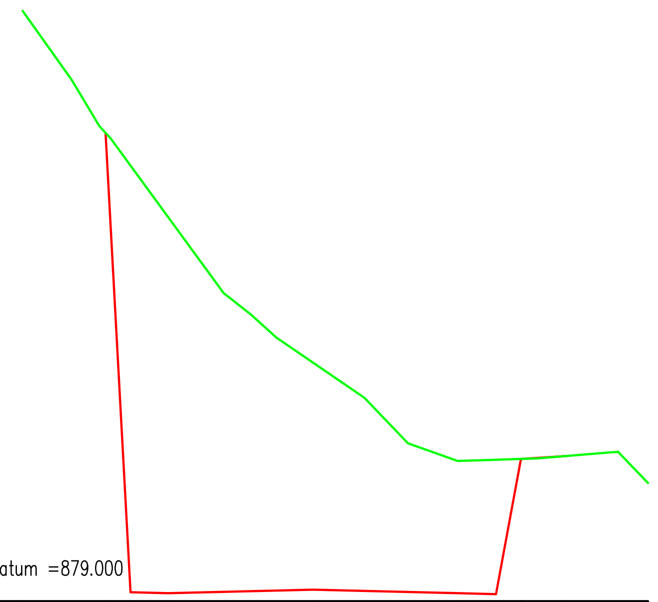
Chainage =60300.000



Level Datum =895.000

Design Levels	906.030 897.410 897.387 897.475 897.387 897.365 897.919 897.637
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 4.677 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.277
Exi. Ground Levels	905.439 899.186 899.188 899.151 899.065 899.024
Exi. Ground Offset	-4.198 0.174 0.330 1.643 3.031 3.409

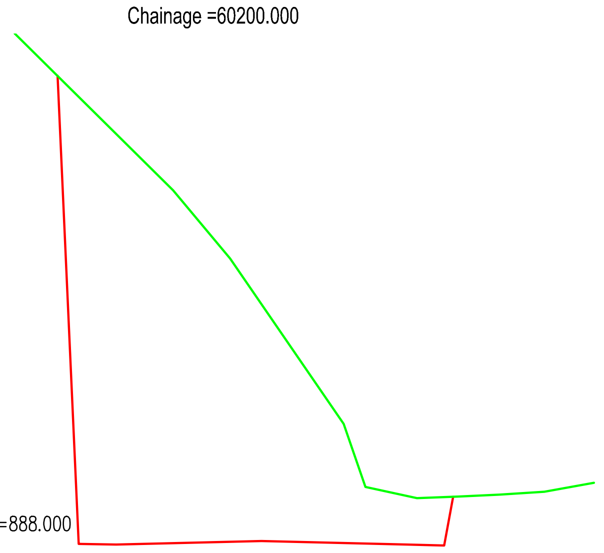
Chainage =60400.000



Level Datum =879.000

Design Levels	890.271 879.215 879.192 879.280 879.192 879.170 882.423 882.493
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 6.062
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.062
Exi. Ground Levels	891.552 890.433 890.142 886.417 885.918 885.347 883.900 882.800 882.380 882.391 882.436 882.590 882.599
Exi. Ground Offset	-5.820 -5.150 -4.880 -2.158 -1.517 -0.886 1.233 2.278 3.478 4.027 5.410 7.183 7.340

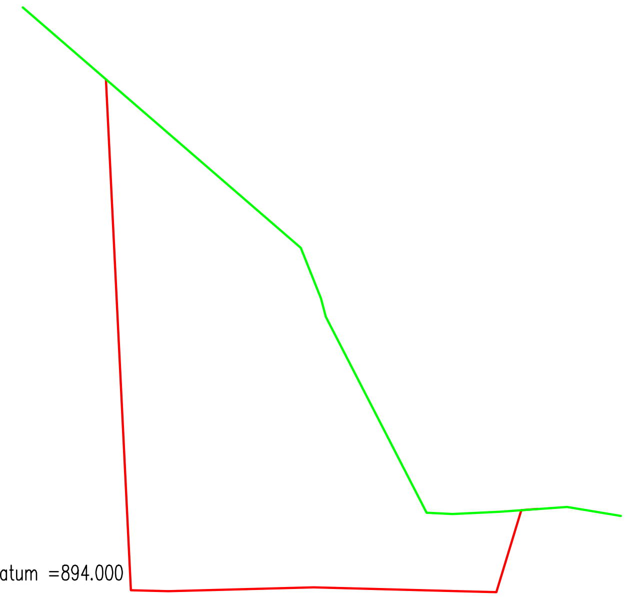
Chainage =60100.000



Level Datum =888.000

Design Levels	901.650 888.312 888.290 888.377 888.290 888.267 891.441 891.494
Design Offset	-5.000 -4.400 -3.500 0.000 3.500 4.400 5.000 6.013
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.013
Exi. Ground Levels	902.621 898.805 897.164 893.177 891.657 891.387 891.429 891.452 891.476 891.547
Exi. Ground Offset	-5.982 -2.125 -0.756 1.985 2.508 3.746 4.749 5.242 5.739 6.816

Chainage =60250.000



Level Datum =894.000

Design Levels	906.672 894.377 894.355 894.442 894.355 894.332 896.302 896.332
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 5.400
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.400
Exi. Ground Levels	902.618 901.397 900.955 896.243 896.207 896.264 896.383
Exi. Ground Offset	-0.311 0.181 0.291 2.723 3.341 4.477 6.105

Chainage =60350.000

Level Datum =900.000

Design Levels	911.495 900.442 900.420 900.507 900.420 900.397 904.554 904.135
Design Offset	-5.000 -4.400 -3.500 -0.000 3.500 4.400 5.000 6.269
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.269
Exi. Ground Levels	910.935 909.194 908.982 908.306 905.111 904.882 904.987 904.143 904.134 904.151
Exi. Ground Offset	-3.762 1.073 1.248 1.561 2.420 3.635 4.427 5.544 6.308 6.964

Chainage =60450.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 68			Sheet : 68 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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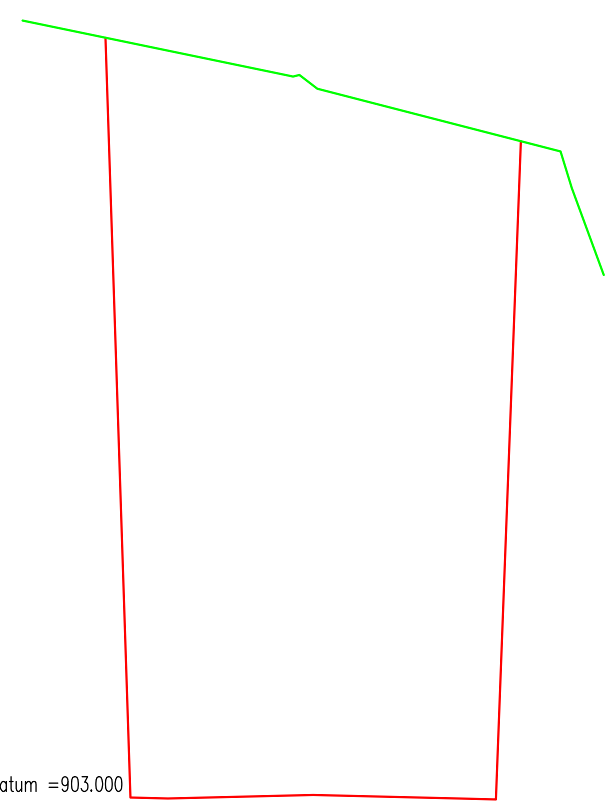
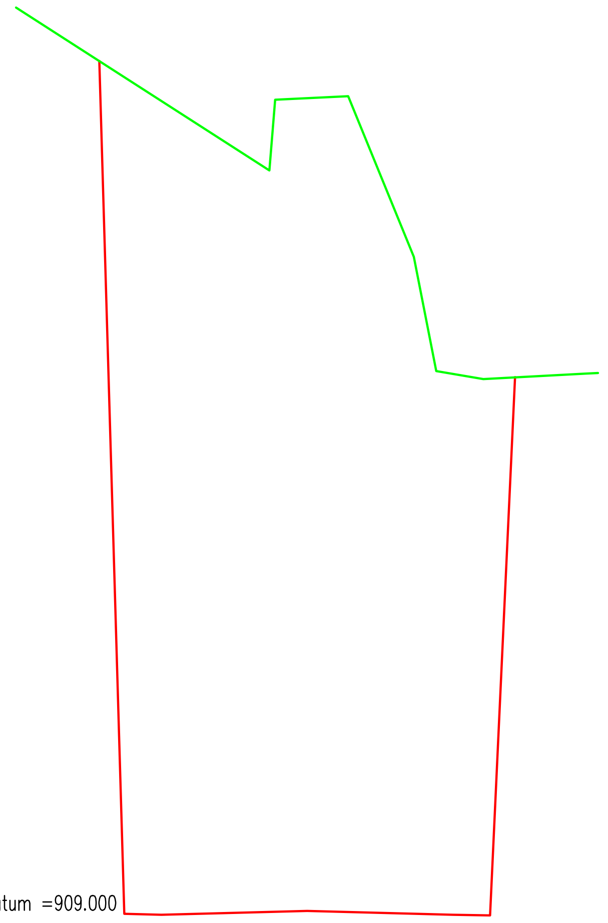


Level Datum =903.000

Design Levels	921.775	903.475	903.452	903.540	903.452	903.430	919.284
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Exi. Ground Levels	920.859	920.878	920.550	919.037	918.155		
Exi. Ground Offset	-0.554	-0.334	0.099	5.957	6.224		

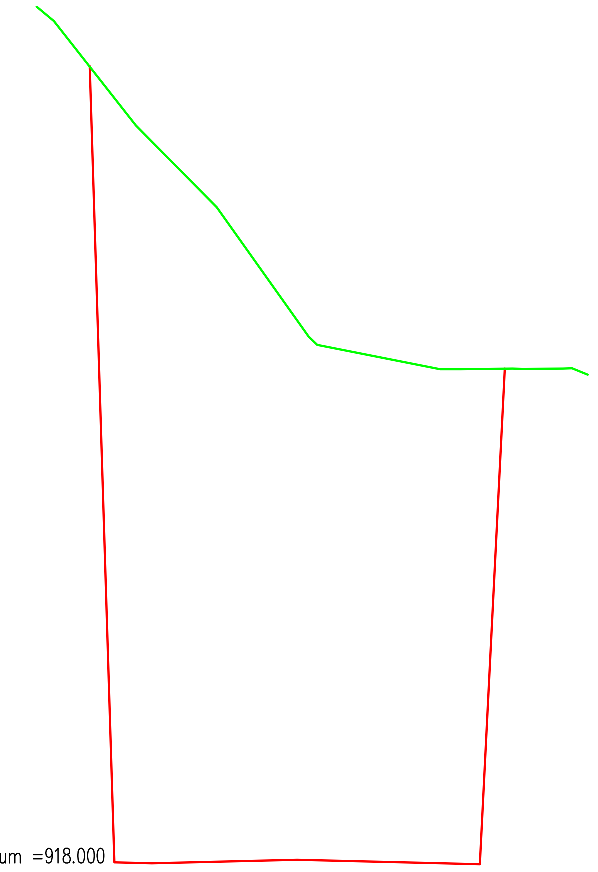
Chainage =60500.000



Level Datum =909.000

Design Levels	930.072	909.540	909.517	909.605	909.517	909.495	922.456
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Exi. Ground Levels	927.439	929.137	929.224	925.359	922.606	922.415	922.547
Exi. Ground Offset	-0.906	-0.768	0.985	2.566	3.108	4.243	6.681

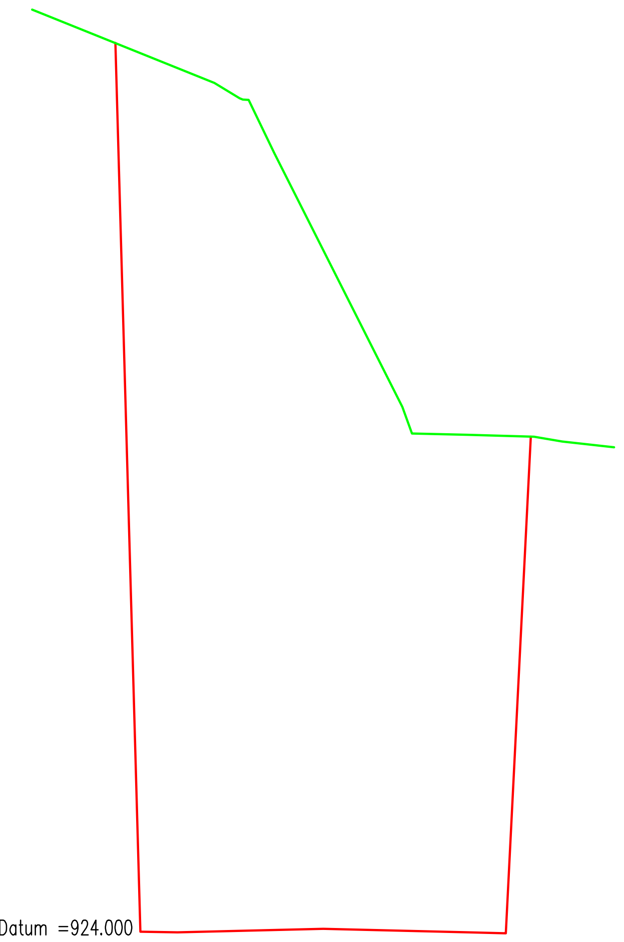
Chainage =60600.000



Level Datum =918.000

Design Levels	937.811	918.637	918.615	918.702	918.615	918.592	930.530				
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600					
Exi. Ground Levels	938.903	936.386	934.418	931.305	931.103	930.517	930.515	930.532	930.521	930.533	930.536
Exi. Ground Offset	-5.856	-3.883	-1.935	0.273	0.483	3.445	3.934	5.188	5.455	6.401	6.623

Chainage =60750.000



Level Datum =924.000

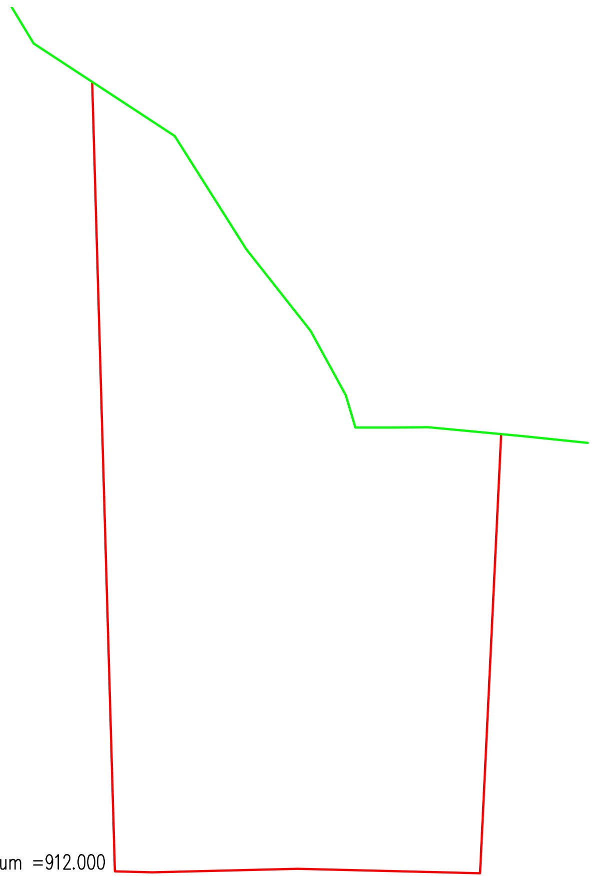
Design Levels	946.091	924.702	924.680	924.767	924.680	924.657	936.614		
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	945.133	944.763	944.724	943.440	937.328	936.686	936.662	936.612	936.497
Exi. Ground Offset	-2.617	-2.008	-1.791	-1.179	1.905	2.158	3.475	5.078	5.757

Chainage =60850.000

Level Datum =906.000

Design Levels	928.604	906.507	906.485	906.572	906.485	906.462	918.886	
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600		
Exi. Ground Levels	928.065	922.078	920.703	919.243	919.195	919.137	919.039	918.957
Exi. Ground Offset	-4.117	-0.653	-0.258	1.329	2.180	3.001	3.831	4.637

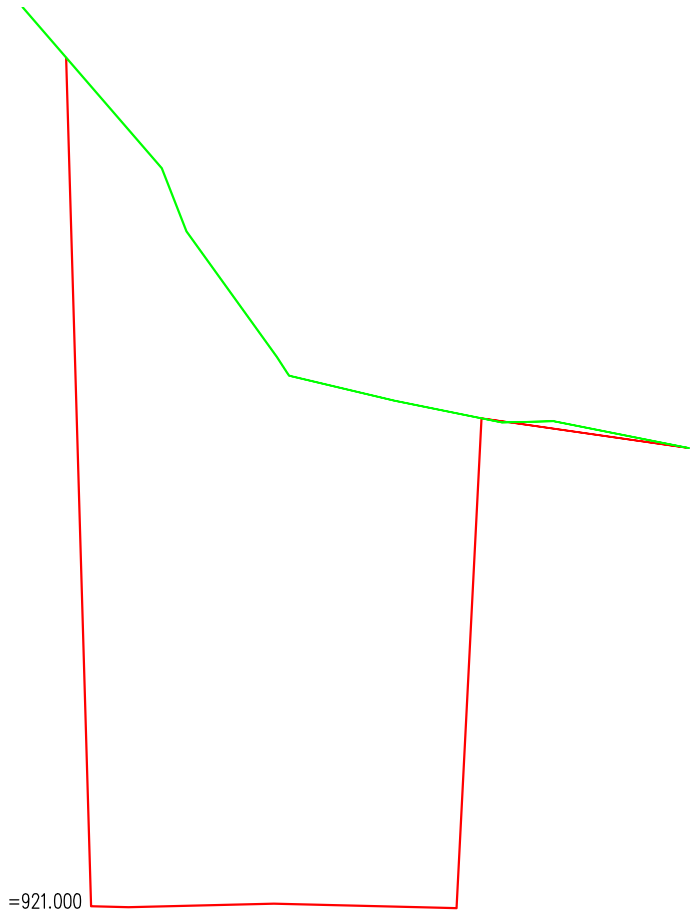
Chainage =60550.000



Level Datum =912.000

Design Levels	933.606	912.572	912.550	912.637	912.550	912.527	925.078		
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Exi. Ground Levels	934.495	932.266	929.541	927.575	926.028	925.748	925.252	925.253	925.037
Exi. Ground Offset	-6.353	-2.961	-1.228	0.316	1.161	1.592	2.323	3.143	5.434

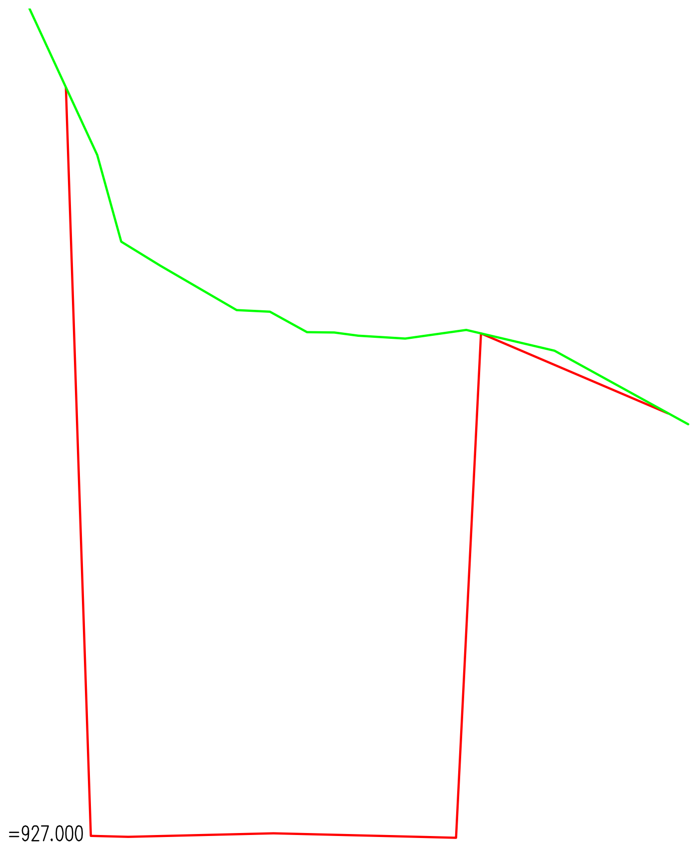
Chainage =60650.000



Level Datum =921.000

Design Levels	942.103	921.670	921.647	921.735	921.647	921.625	933.421	932.711	
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	9.943	
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	4.943		
Exi. Ground Levels	944.347	939.436	937.922	934.888	934.447	933.842	933.321	933.351	932.699
Exi. Ground Offset	-6.927	-2.697	-2.100	0.078	0.371	2.909	5.500	6.741	10.000

Chainage =60800.000



Level Datum =927.000

Design Levels	945.774	927.735	927.712	927.800	927.712	927.690	939.846	937.923				
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	9.516				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	4.516					
Exi. Ground Levels	944.148	942.061	941.485	940.410	940.370	939.879	939.869	939.795	939.722	939.928	939.430	937.657
Exi. Ground Offset	-4.248	-3.672	-2.731	-0.884	-0.082	0.809	1.465	2.045	3.174	4.647	6.776	10.000

Chainage =60900.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 69			Sheet : 69 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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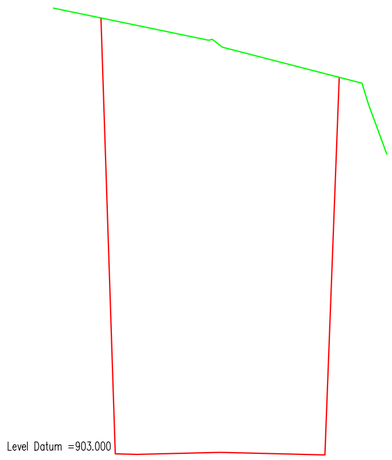
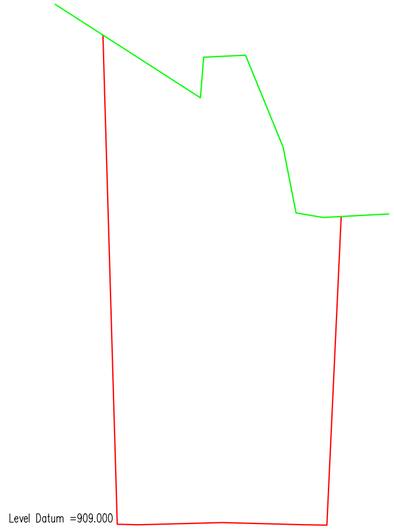


Level Datum =903.000

Design Levels		-5.000	-4.400	-3.500		-0.000			3.500	4.400	5.000		
		921.775	903.475	903.452		903.540			903.452	903.430	919.284		
Design Offset													
Design Width		0.600	0.900	3.500			3.500		0.900	0.600			
Exi. Ground Levels					-0.154	920.858						5.957	918.037
					-0.154	920.858						6.224	918.155
Exi. Ground Offset					-0.154	920.858							
					0.099	920.550							

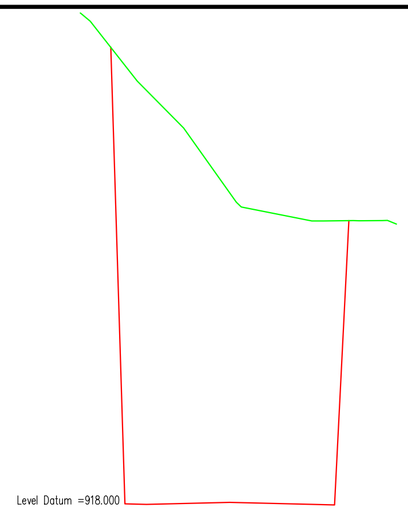
Chainage =60500.000



Level Datum =909.000

Design Levels		-5.000	-4.400	-3.500		-0.000			3.500	4.400	5.000		
		930.072	909.540	909.517		909.605			909.517	909.495	922.456		
Design Offset													
Design Width		0.600	0.900	3.500			3.500		0.900	0.600			
Exi. Ground Levels					927.197								
					926.858								
Exi. Ground Offset					-0.068		929.224		925.359	922.604	922.415		922.547
					-0.068								

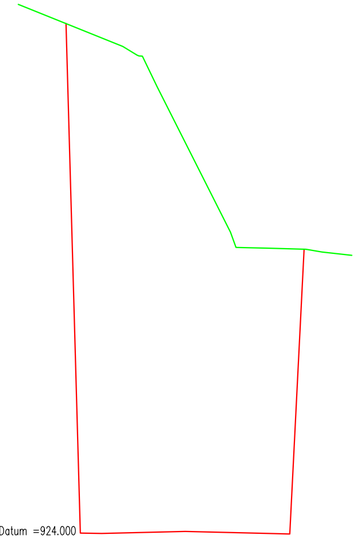
Chainage =60600.000



Level Datum =918.000

Design Levels		-5.000	-4.400	-3.500		-0.000			3.500	4.400	5.000		
		937.811	918.637	918.615		918.702			918.615	918.592	930.530		
Design Offset													
Design Width		0.600	0.900	3.500			3.500		0.900	0.600			
Exi. Ground Levels		938.903			931.305				930.517	930.515			
					931.103								
Exi. Ground Offset		-5.856	-3.883	-1.935	0.273				3.445	3.934	5.188	6.601	6.623
					0.483						5.693		

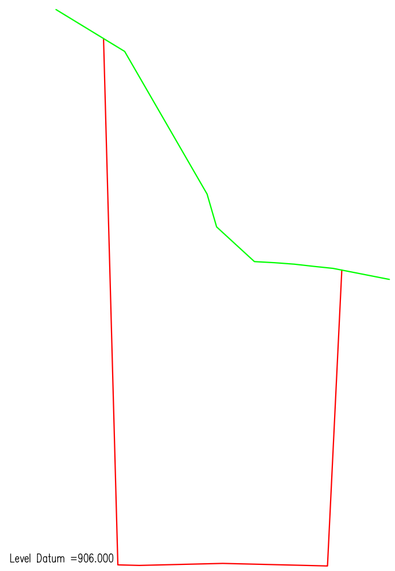
Chainage =60750.000



Level Datum =924.000

Design Levels		-5.000	-4.400	-3.500		0.000			3.500	4.400	5.000		
		946.091	924.702	924.680		924.767			924.680	924.657	936.614		
Design Offset													
Design Width		0.600	0.900	3.500			3.500		0.900	0.600			
Exi. Ground Levels			945.133	944.724		937.328							
			945.133	944.724		936.888							
Exi. Ground Offset			-2.617	-1.179	-943.440		1.905	3.475	936.662	936.612	936.497	5.078	5.757
			-2.617	-1.179			2.138						

Chainage =60850.000



Level Datum =906.000

Design Levels		-5.000	-4.400	-3.500		0.000			3.500	4.400	5.000		
		928.604	906.507	906.485		906.572			906.485	906.462	918.886		
Design Offset													
Design Width		0.600	0.900	3.500			3.500		0.900	0.600			
Exi. Ground Levels		928.065			922.078	920.703							
Exi. Ground Offset		-4.117			-0.653	-0.238	1.329	2.180	3.001	3.831	4.637		

Chainage =60550.000

Level Datum =912.000

Design Levels		-5.000	-4.400	-3.500		-0.000			3.500	4.400	5.000		
		933.606	912.572	912.550		912.637			912.550	912.527	925.078		
Design Offset													
Design Width		0.600	0.900	3.500			3.500		0.900	0.600			
Exi. Ground Levels		934.495			932.266		929.541	927.575	926.028	925.748	925.252	925.253	925.037
Exi. Ground Offset		-6.353			-2.961		-1.228	0.316	1.161	1.992	2.323	3.143	5.434

Chainage =60650.000

Level Datum =921.000

Design Levels		-5.000	-4.400	-3.500		-0.000			3.500	4.400	5.000		
		942.103	921.670	921.647		921.735			921.647	921.625	933.421		
Design Offset													
Design Width		0.600	0.900	3.500			3.500		0.900	0.600			
Exi. Ground Levels		944.520			939.436	937.922		934.688	934.497				
Exi. Ground Offset		-6.042			-2.697	-2.100		0.078	0.267				
								0.457					

Chainage =60800.000

Level Datum =927.000

Design Levels		-5.000	-4.400	-3.500		-0.000			3.500	4.400	5.000		
		945.774	927.735	927.712		927.809			927.712	927.689	939.846		
Design Offset													
Design Width		0.600	0.900	3.500			3.500		0.900	0.600			
Exi. Ground Levels		944.148	942.061	941.485		940.410		939.869	939.795	939.722		939.430	
Exi. Ground Offset		-4.248	-3.672	-2.731		-0.884	-0.082	0.809	1.465	2.045	3.174	4.647	6.776	10.000

Chainage =60900.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 70		Sheet : 70 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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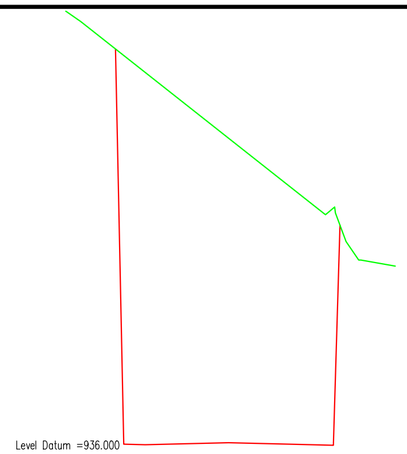
Level Datum =930.000

Design Levels		-5.000	-4.400	-3.500			0.000			3.500	4.400	5.000	
		952.817	930.767	930.745			930.832			930.745	930.722	944.044	
Design Offset													
Design Width		0.600	0.900	3.500		3.500				0.900	0.600		
Exi. Ground Levels	953.506	950.894	948.728	947.109	946.416	945.060	944.564	944.471	944.458	944.397	944.270		
Exi. Ground Offset	-5.369	-3.971	-2.821	-1.684	-1.129	0.405	1.023	2.509	3.190	3.769	4.144		

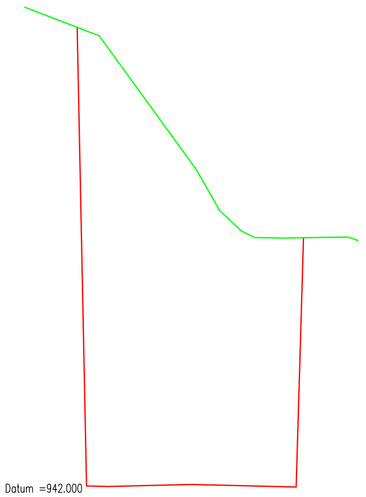
Chainage =60950.000



Level Datum =936.000

Design Levels		-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000	
		965.274	936.832	936.810			936.897			936.810	936.787	956.893	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels	966.227									958.119	957.707	956.211	956.216
Exi. Ground Offset	-6.208									4.067	4.284	5.432	5.555

Chainage =61050.000



Level Datum =942.000

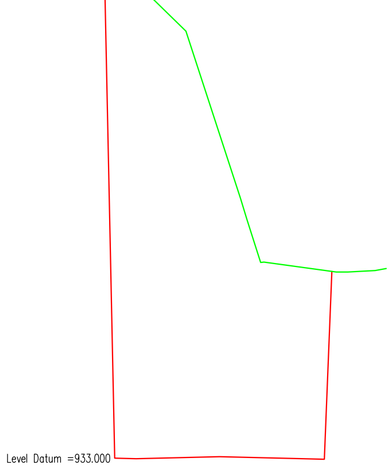
Design Levels		-5.000	-4.400	-3.500			0.000			3.500	4.400	5.000	
		972.171	942.897	942.875			942.962			942.875	942.852	963.260	
Design Offset													
Design Width		0.600	0.900	3.500		3.500		3.500		0.900	0.600		
Exi. Ground Levels		971.736				966.112	964.388	963.534	963.265	963.239		963.280	963.285
Exi. Ground Offset		-3.869				0.210	1.192	2.109	2.663	3.837		6.133	6.617

Chainage =61150.000

Level Datum =948.000

Design Levels		-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000	
		976.006	948.963	948.940			949.028			948.940	948.918	968.235	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			3.500	0.900	0.600	
Exi. Ground Levels	977.689			972.676		971.669	968.945	968.252		968.256	968.256	968.232	
Exi. Ground Offset	-6.447			-2.143		0.820	1.264	2.598		3.533	4.392	5.094	

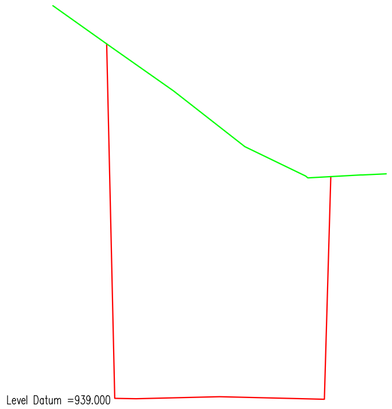
Chainage =61250.000



Level Datum =933.000

Design Levels		-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000	
		962.176	933.802	933.777			933.865			933.777	933.755	948.555	
Design Offset													
Design Width		0.600	0.900	3.500		3.500				0.900	0.600		
Exi. Ground Levels				958.667		951.624	948.974	948.556	948.555				
Exi. Ground Offset				-1.411		0.883	1.737	4.907	5.387				

Chainage =61000.000



Level Datum =939.000

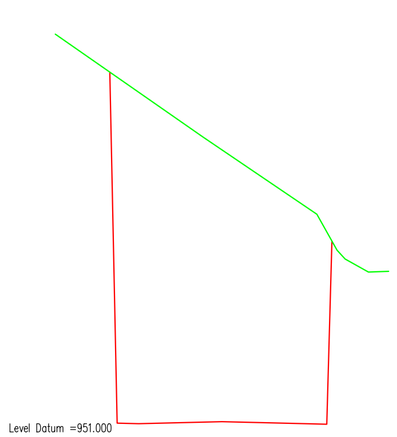
Design Levels		-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000	
		965.955	939.865	939.842			939.930			939.842	939.820	960.214	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels				963.796			961.452		960.178	960.178	960.263		
Exi. Ground Offset				-1.931			1.066		3.576	3.576	5.832		

Chainage =61100.000

Level Datum =945.000

Design Levels		-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000	
		975.023	945.330	945.908			945.995			945.908	945.885	966.137	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels		974.992	974.244	972.543		971.209	967.623	967.623	966.410	966.376	966.340	966.138	
Exi. Ground Offset		-4.976	-4.471	-2.606		-1.197	0.340	0.340	1.879	3.145	4.247	4.568	6.555

Chainage =61200.000



Level Datum =951.000

Design Levels		-5.000	-4.400	-3.500			-0.000			3.500	4.400	5.000	
		980.738	951.995	951.972			952.060			951.972	951.950	972.075	
Design Offset													
Design Width		0.600	0.900	3.500			3.500			0.900	0.600		
Exi. Ground Levels				977.809						974.568	973.093		
Exi. Ground Offset				-0.799						3.984	4.831		
											5.176	6.148	972.136

Chainage =61300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 71		Sheet : 71 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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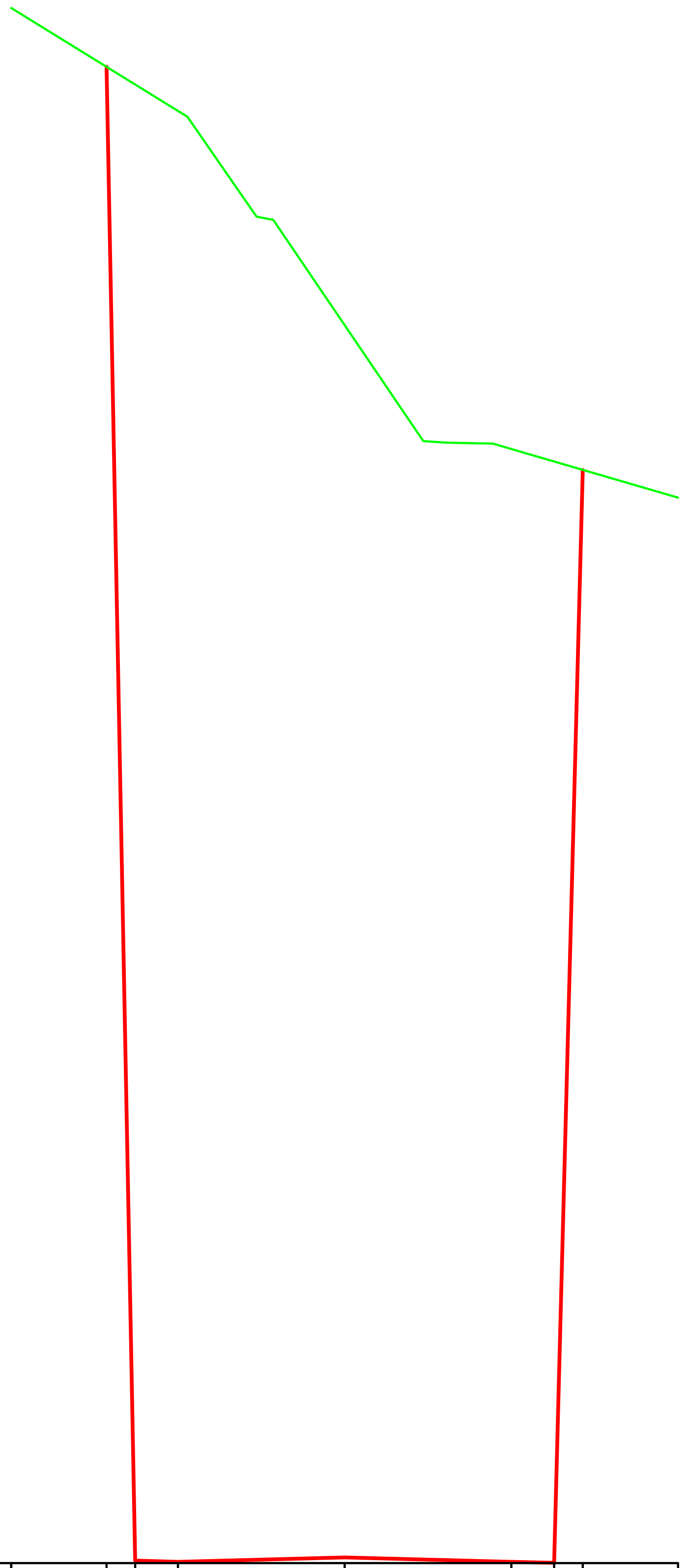
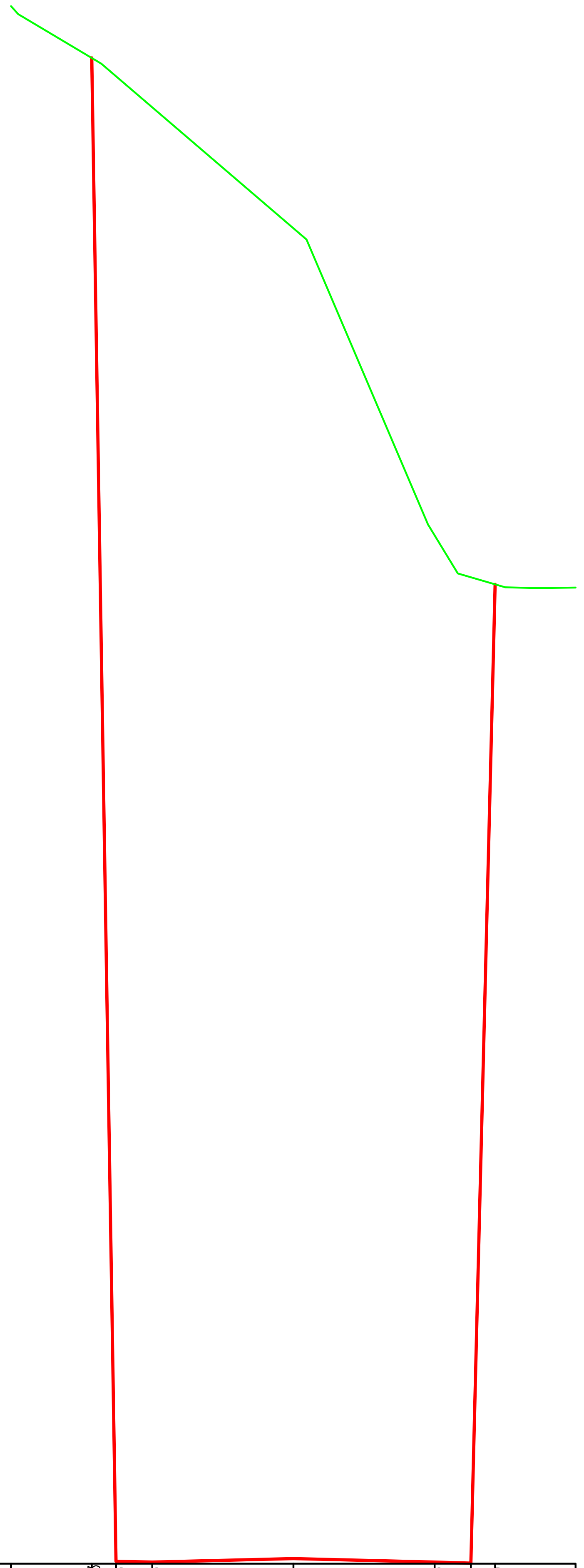


Level Datum =961.000

Design Levels	992.458	961.053	961.030	961.118	961.030	961.008	983.983		
Design Offset	−5.000	−4.400	−3.500	0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11		
Existing Ground Levels	991.410	989.305	989.240	984.589	984.557	984.535			
Existing Ground Offset	−3.303	−1.849	−1.498	1.649	2.133	3.109			

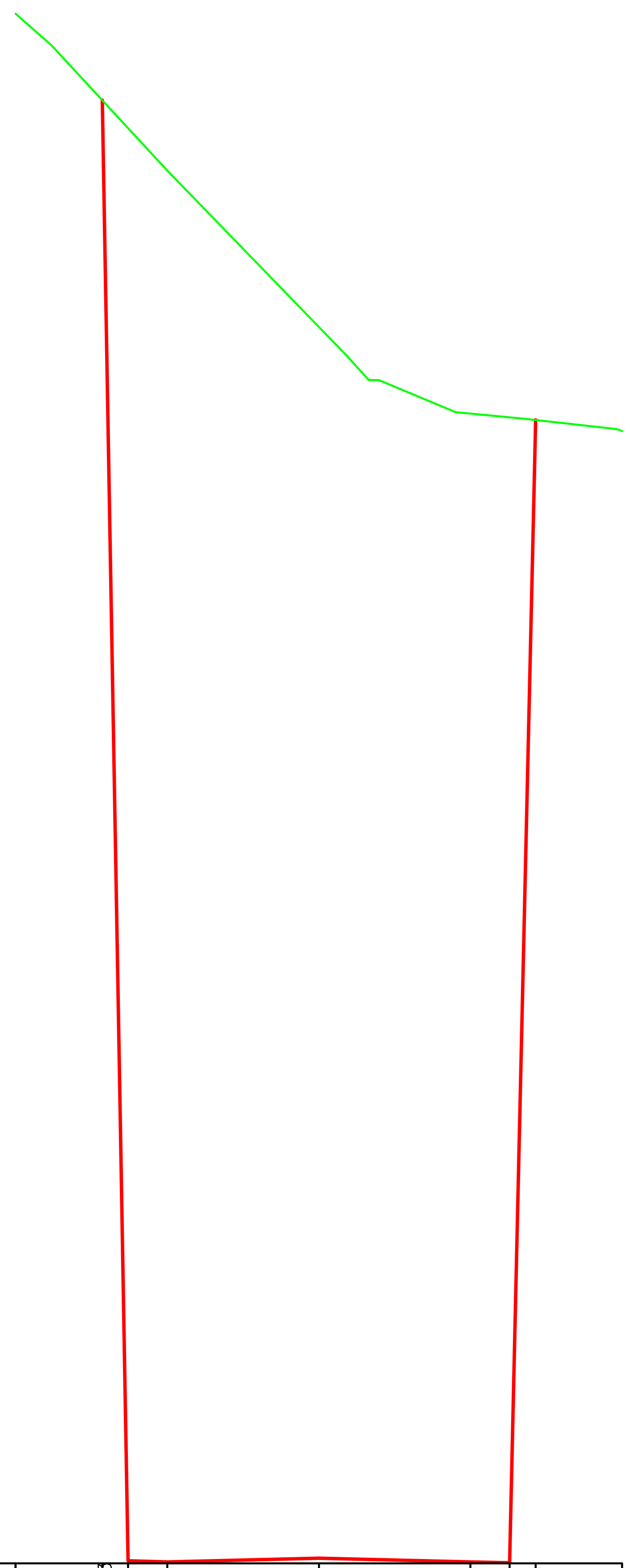
Chainage =61450.000



Level Datum =964.000

Design Levels	1001.353	964.058	964.035	964.123	964.035	964.013	988.290		
Design Offset	−5.000	−4.400	−3.500	0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11		
Existing Ground Levels	1002.439	1001.210	996.848	989.776	988.560	988.216	988.199		
Existing Ground Offset	−6.822	−4.760	0.324	3.336	4.076	5.253	6.062		

Chainage =61500.000



Level Datum =967.000

Design Levels	1000.773	967.056	967.033	967.121	967.033	967.011	993.393		
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11		
Existing Ground Levels	1002.042	999.148	994.871	994.312	994.311	993.574	993.416	993.410	993.181
Existing Ground Offset	−6.173	−3.497	0.650	1.155	1.385	3.151	4.801	4.851	6.862

Chainage =61550.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 72			Sheet : 72 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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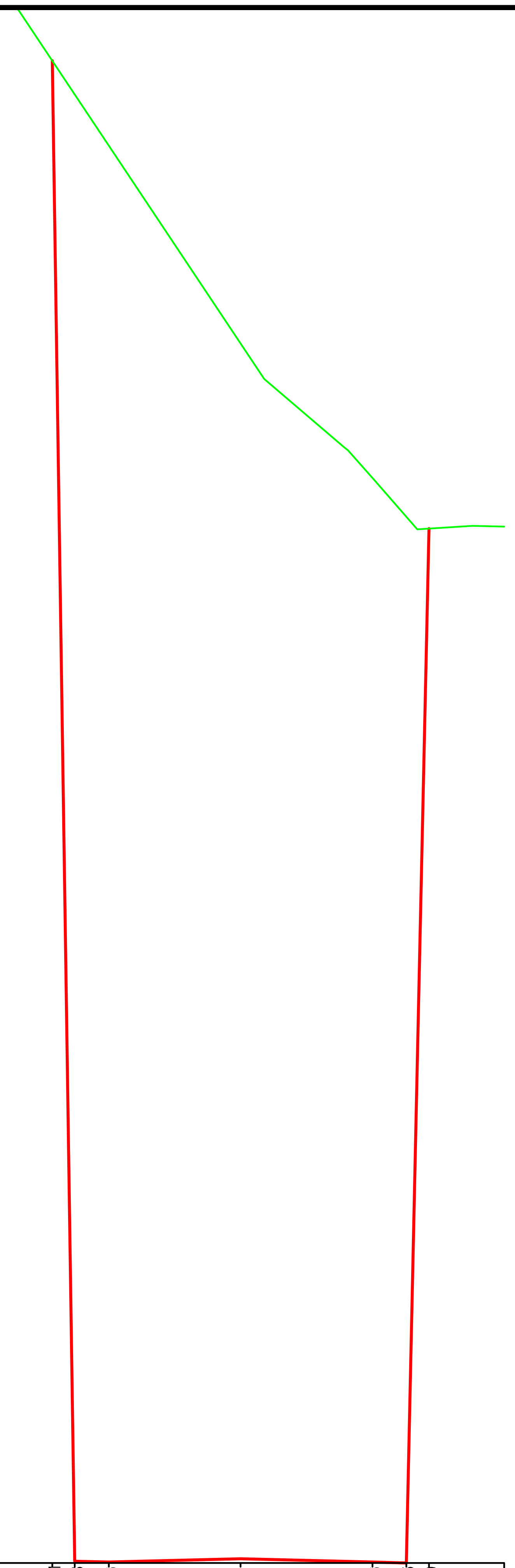
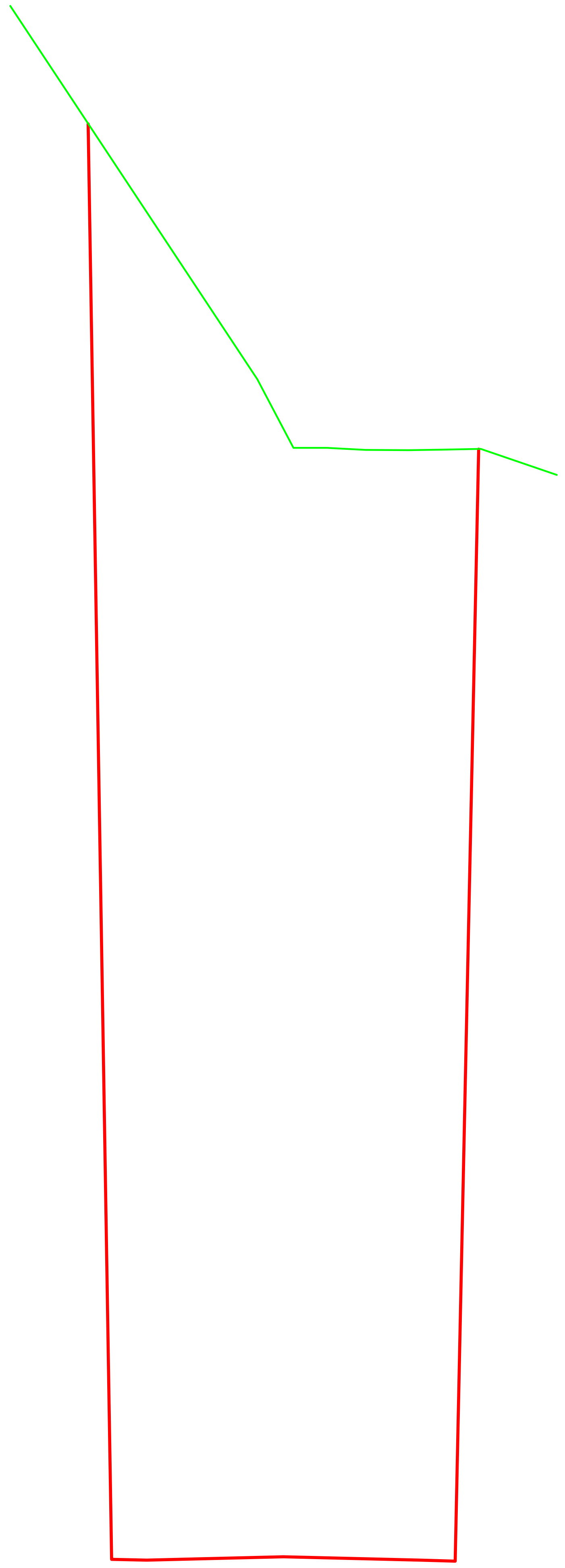


Level Datum =970.000

Design Levels	1009.861	970.048	970.026	970.113	970.026	970.003	997.450
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11
Existing Ground Levels	1001.417	999.594	999.527	998.767	997.430	997.522	
Existing Ground Offset	0.627	2.761	2.844	3.519	4.688	6.153	

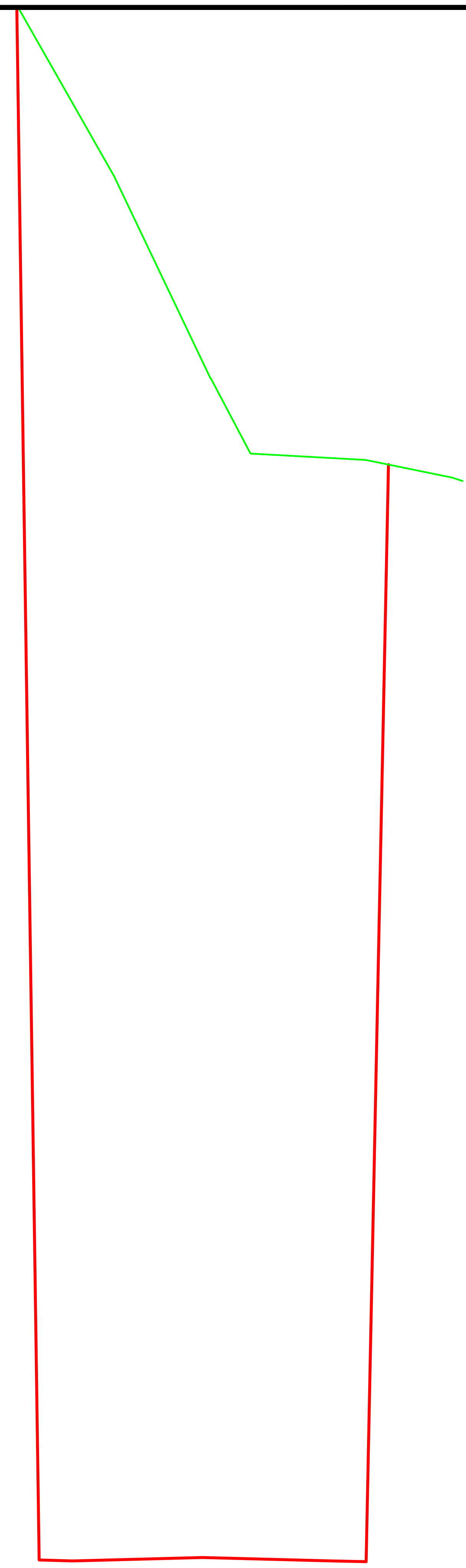
Chainage =61600.000



Level Datum =972.000

Design Levels	1009.842	973.040	973.018	973.105	973.018	972.995	1001.505
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11
Existing Ground Levels	1003.294	1001.534	1001.533	1001.481	1001.473	1001.491	1001.506
Existing Ground Offset	−0.669	0.252	1.114	2.102	3.211	4.064	5.053

Chainage =61650.000



Level Datum =975.000

Design Levels	1017.975	976.032	976.010	976.097	976.010	975.987	1005.578
Design Offset	−5.000	−4.400	−3.500	−0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11
Existing Ground Levels	1019.603	1013.358	1007.902	1007.907	1005.873	1005.702	1005.229
Existing Ground Offset	−5.922	−2.385	0.215	0.218	1.287	4.390	6.714

Chainage =61700.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section			
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 73			Sheet : 73 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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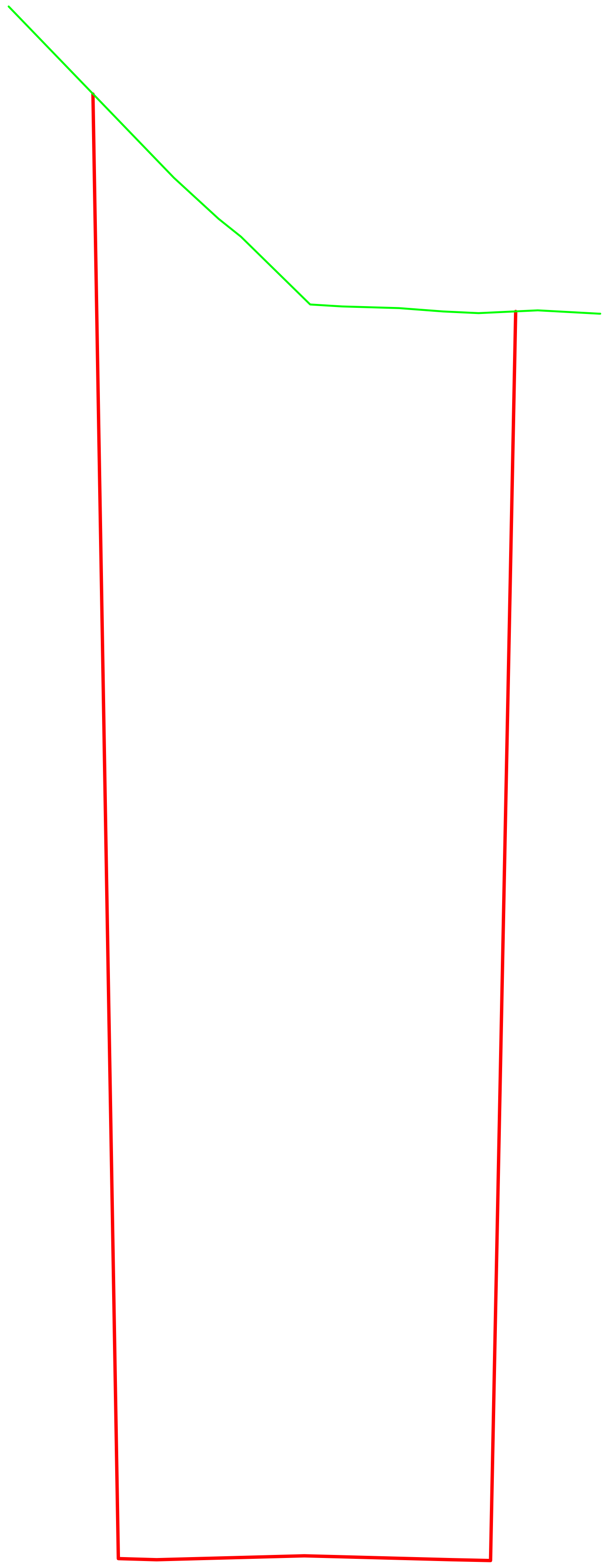
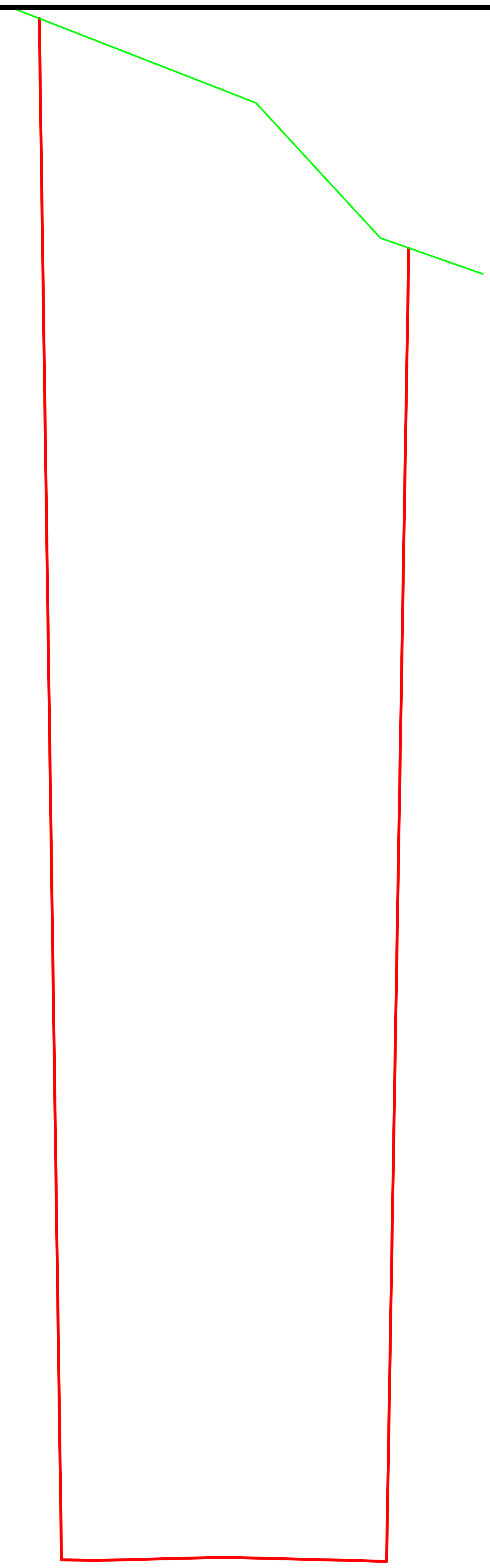


Level Datum =978.000

Design Levels	1013.701, 979.024, 979.001, 979.089, 979.001, 978.979, 1008.554
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1011.720, 1010.744, 1010.323, 1008.722, 1008.674, 1008.632, 1008.554, 1008.515, 1008.578, 1008.500
Existing Ground Offset	-3.089, -2.034, -1.501, 0.138, 0.890, 2.234, 3.281, 4.118, 5.522, 6.970

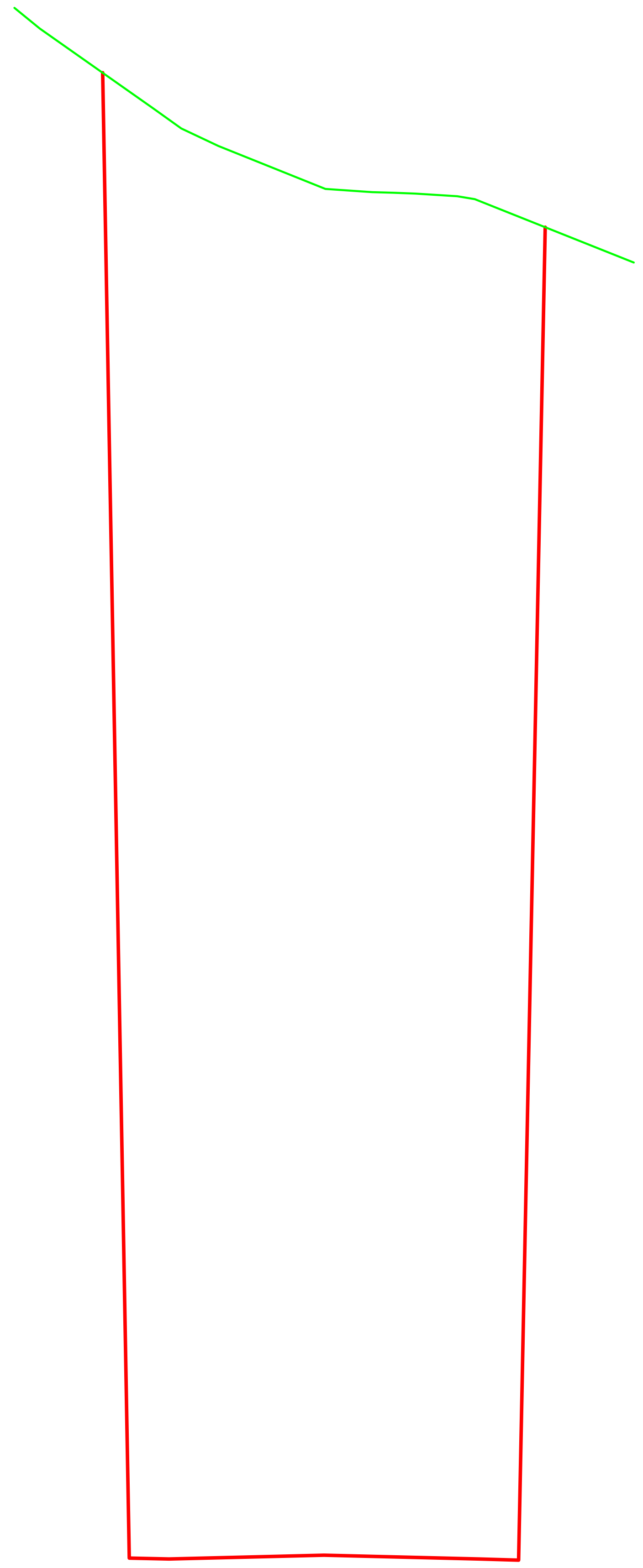
Chainage =61750.000



Level Datum =981.000

Design Levels	1023.756, 982.016, 981.993, 982.081, 981.993, 981.971, 1017.536
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1021.464, 1017.804
Existing Ground Offset	0.867, 4.237

Chainage =61800.000



Level Datum =984.000

Design Levels	1018.607, 985.008, 984.985, 985.073, 984.985, 984.963, 1015.115
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1019.610, 1017.799, 1017.350, 1016.949, 1015.983, 1015.909, 1015.896, 1015.874, 1015.814, 1015.750
Existing Ground Offset	-6.420, -3.854, -3.225, -2.388, 0.030, 1.088, 1.561, 2.068, 3.014, 3.410

Chainage =61850.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 74			Sheet : 74 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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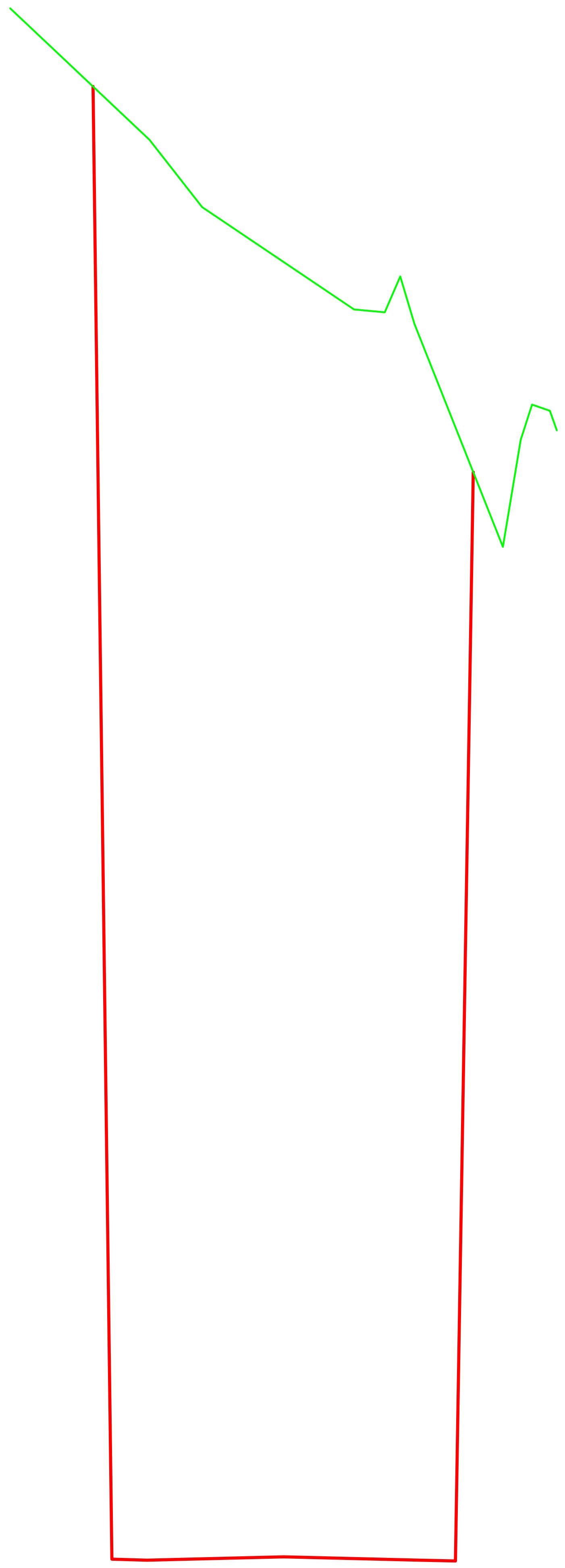


Level Datum =987.000

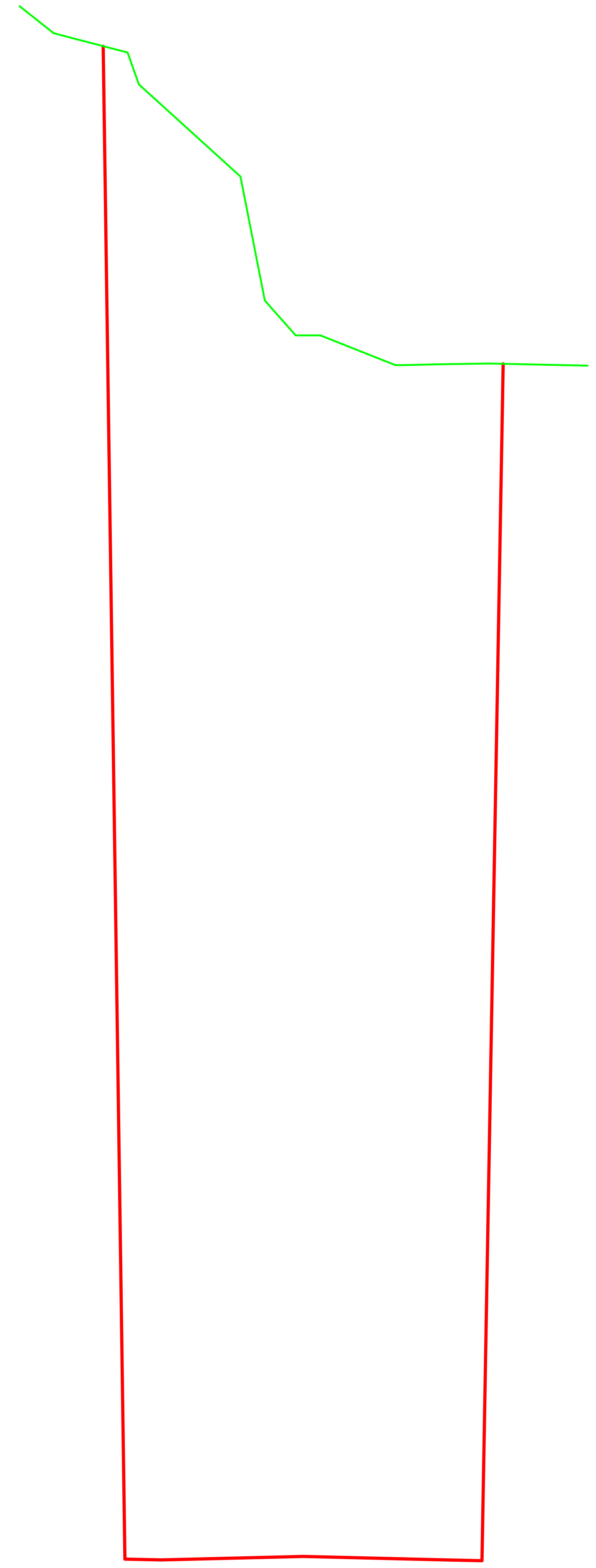
Design Levels	1034.896 988.000 987.977 988.065 987.977 987.955 1024.543
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	TL10 ES10 CE10 LC10 CE11 ES11 TL11
Existing Ground Levels	1033.418 1031.692 1029.066 1028.997 1029.915 1028.706 1022.985 1025.726 1026.634 1026.471
Existing Ground Offset	−3.436 −2.089 1.806 2.594 2.989 3.353 5.618 6.071 6.365 6.823

Chainage =61900.000

Level Datum =990.000

Design Levels	1041.857 990.991 990.969 991.056 990.969 990.946 1025.683
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	TL10 ES10 CE10 LC10 CE11 ES11 TL11
Existing Ground Levels	1045.228 1039.044 1038.052 1027.985 1026.692 1028.636 1028.532 1025.726 1025.686
Existing Ground Offset	−5.640 −4.466 −4.102 0.149 0.612 1.581 2.397 3.769 5.090

Chainage =61950.000



Level Datum =993.000

Design Levels	1035.986 993.983 993.961 994.048 993.961 993.938 1028.133
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	TL10 ES10 CE10 LC10 CE11 ES11 TL11
Existing Ground Levels	1036.556 1036.289 1035.812 1035.036 1032.756 1029.695 1028.837 1028.835 1028.105 1028.105 1028.123 1028.142
Existing Ground Offset	−6.481 −6.157 −4.336 −4.056 −1.555 −0.954 −0.191 0.416 2.267 2.445 3.294 4.589

Chainage =62000.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section			
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 75			Sheet : 75 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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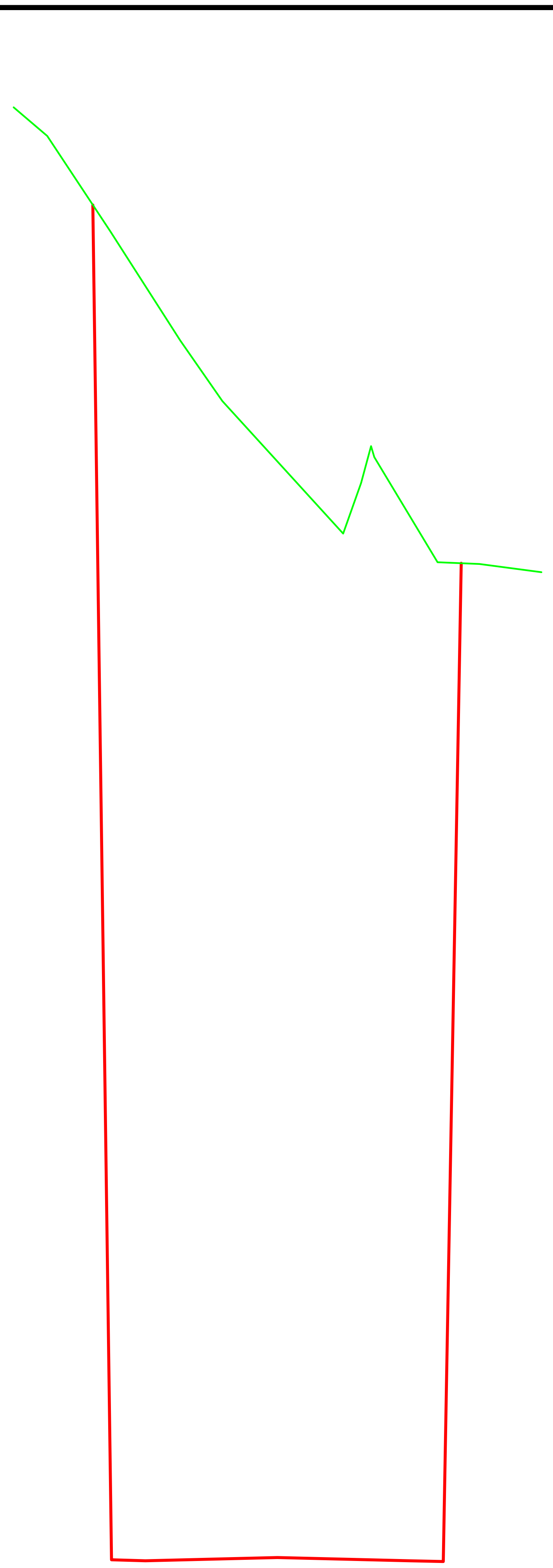
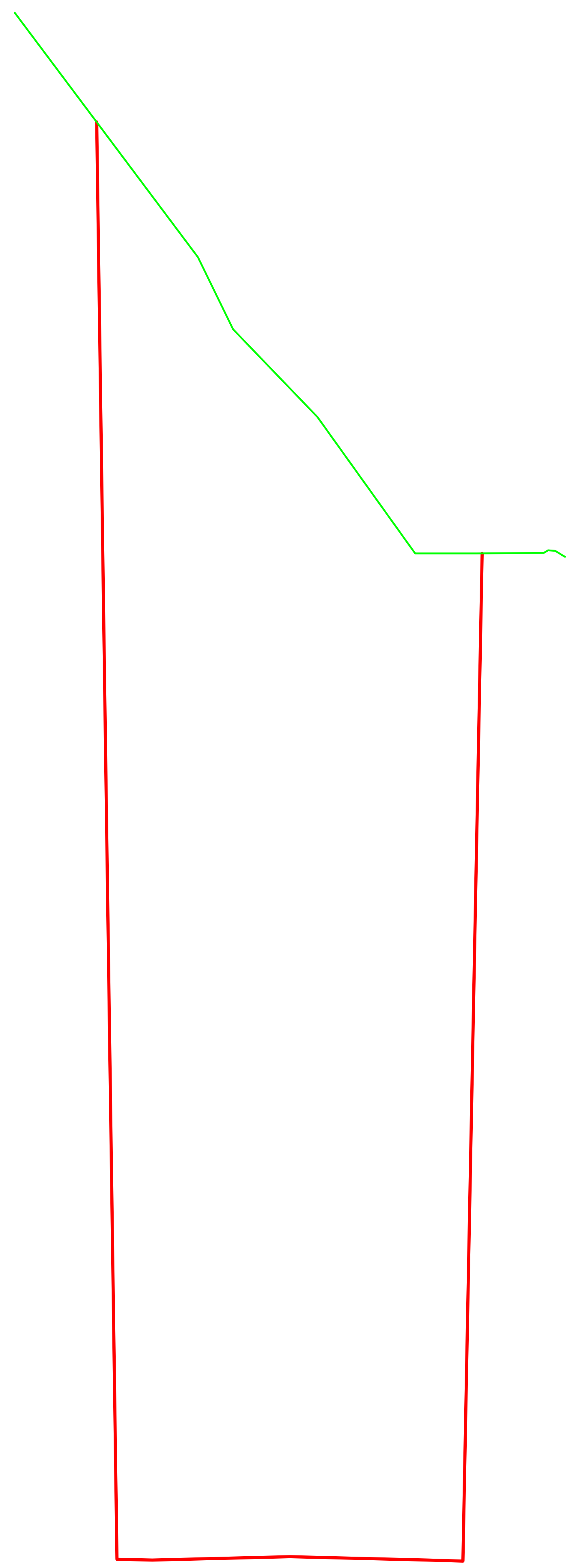


Level Datum =996.000

Design Levels	1040.322	996.975	996.953	997.040	996.953	996.930	1030.658		
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11		
Existing Ground Levels	1041.996	1039.455	1036.572	1034.961	1031.451	1032.791	1033.477	1030.689	1030.643
Existing Ground Offset	-6.106	-4.427	-2.580	-1.460	1.742	2.216	2.570	4.245	5.358

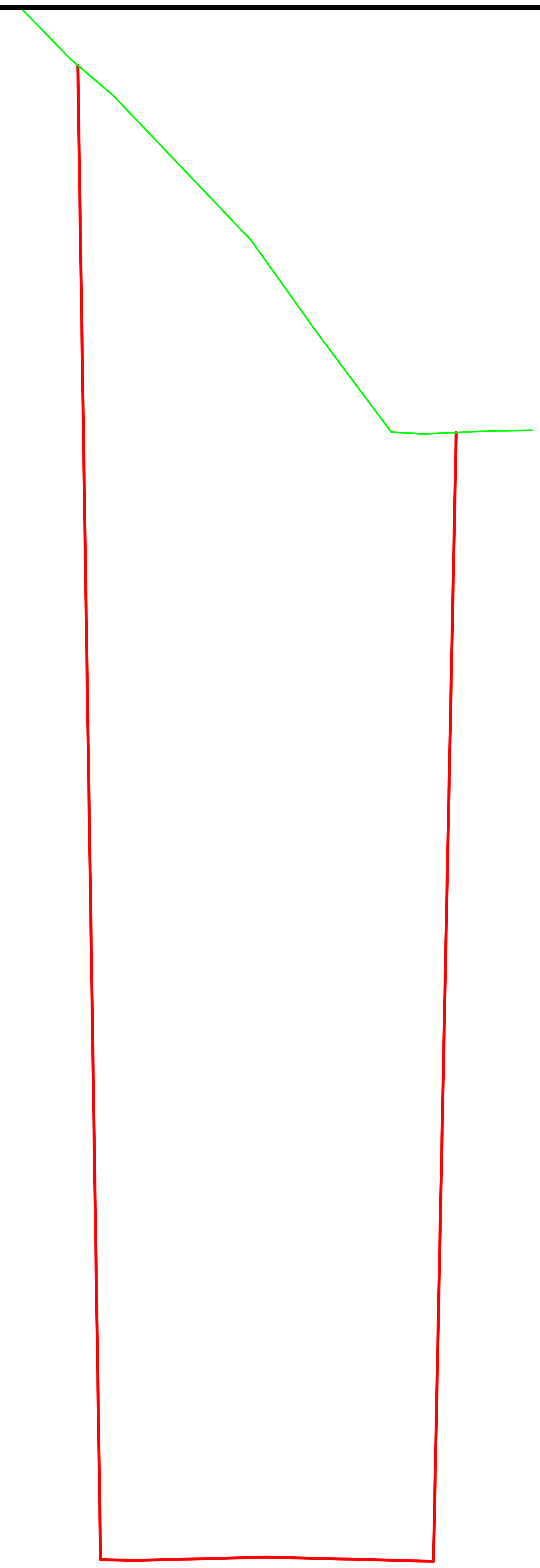
Chainage =62050.000



Level Datum =999.000

Design Levels	1042.461	999.967	999.945	1000.032	999.945	999.922	1031.381		
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11		
Existing Ground Levels	1038.909	1037.081	1034.848	1031.377	1031.377	1031.376	1031.379	1031.391	1031.442
Existing Ground Offset	-2.340	-1.449	0.700	3.183	3.271	4.585	4.746	6.454	6.745

Chainage =62100.000



Level Datum =1002.000

Design Levels	1042.491	1002.959	1002.936	1003.024	1002.936	1002.914	1032.777
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11
Existing Ground Levels	1042.656	1041.693	1037.860	1035.421	1032.793	1032.735	1032.819
Existing Ground Offset	-5.186	-4.069	-0.416	1.324	3.282	4.138	5.854

Chainage =62150.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 75a			Sheet : 75a of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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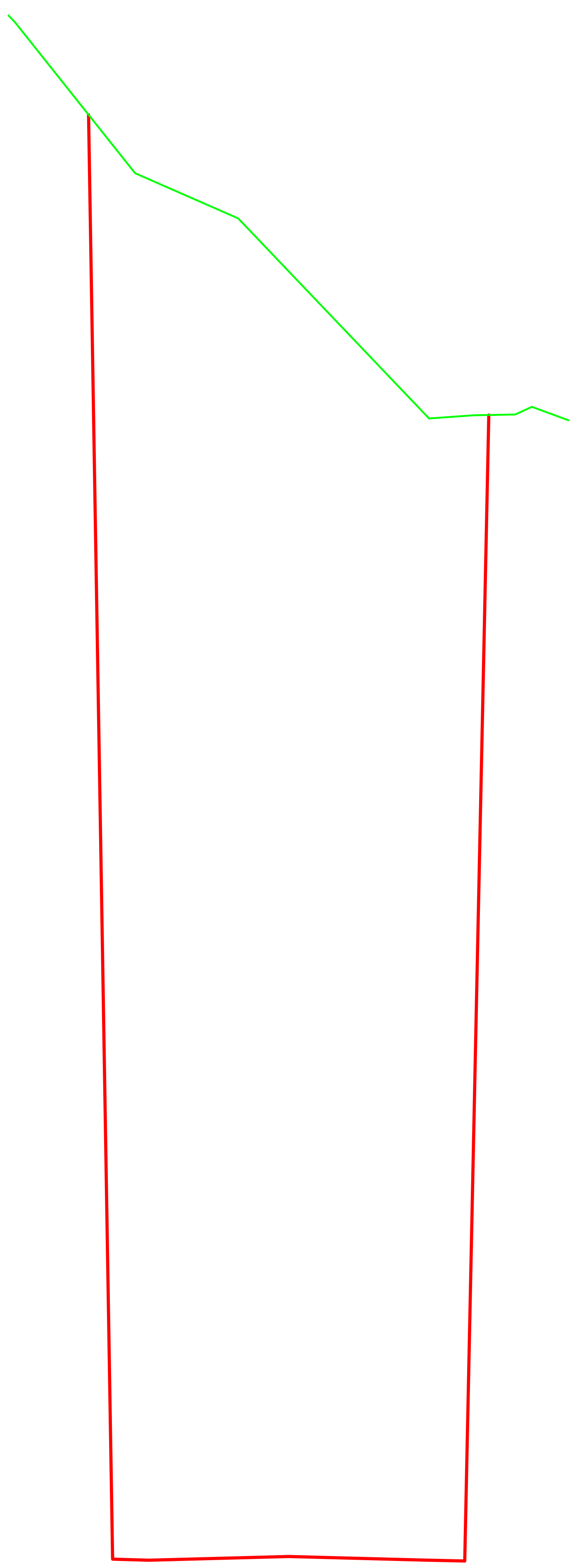
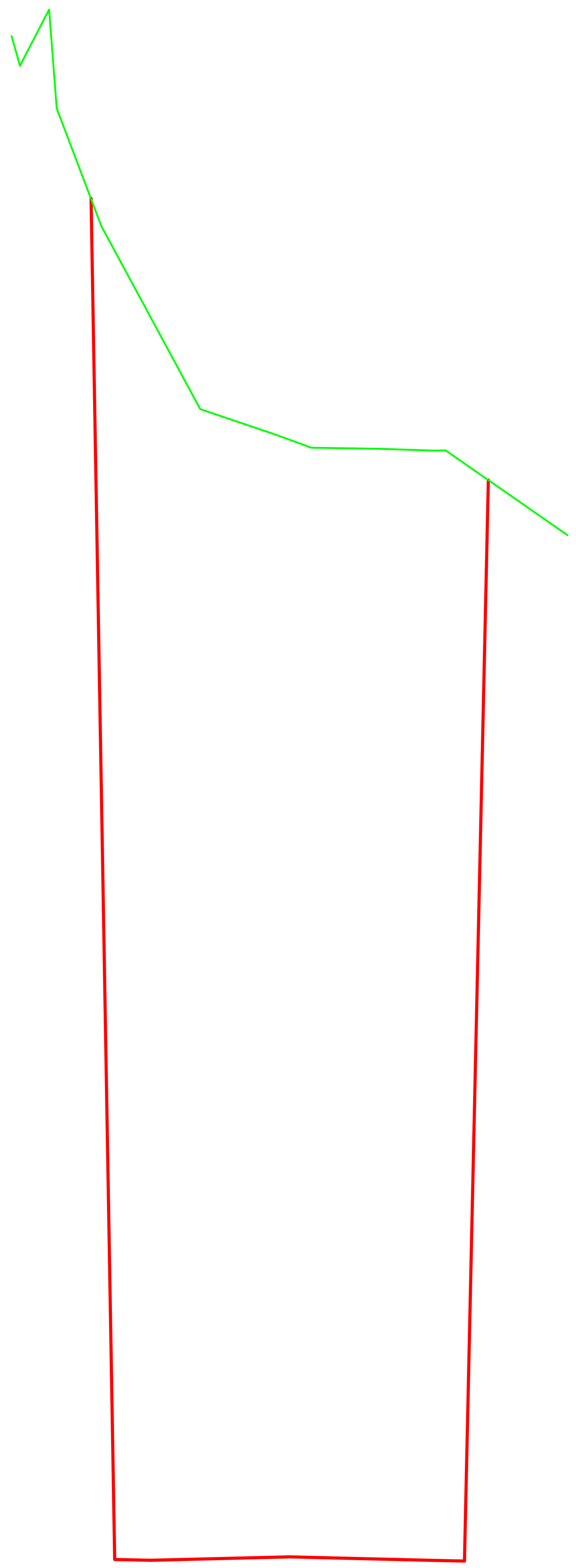


Level Datum =1005.000

Row	Values
Design Levels	1042.066, 1005.951, 1005.928, 1006.016, 1005.928, 1005.906, 1034.554
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1044.376, 1040.606, 1039.472, 1034.469, 1034.546, 1034.569, 1034.766
Existing Ground Offset	−6.846, −3.836, −1.258, 3.508, 4.620, 5.662, 6.076

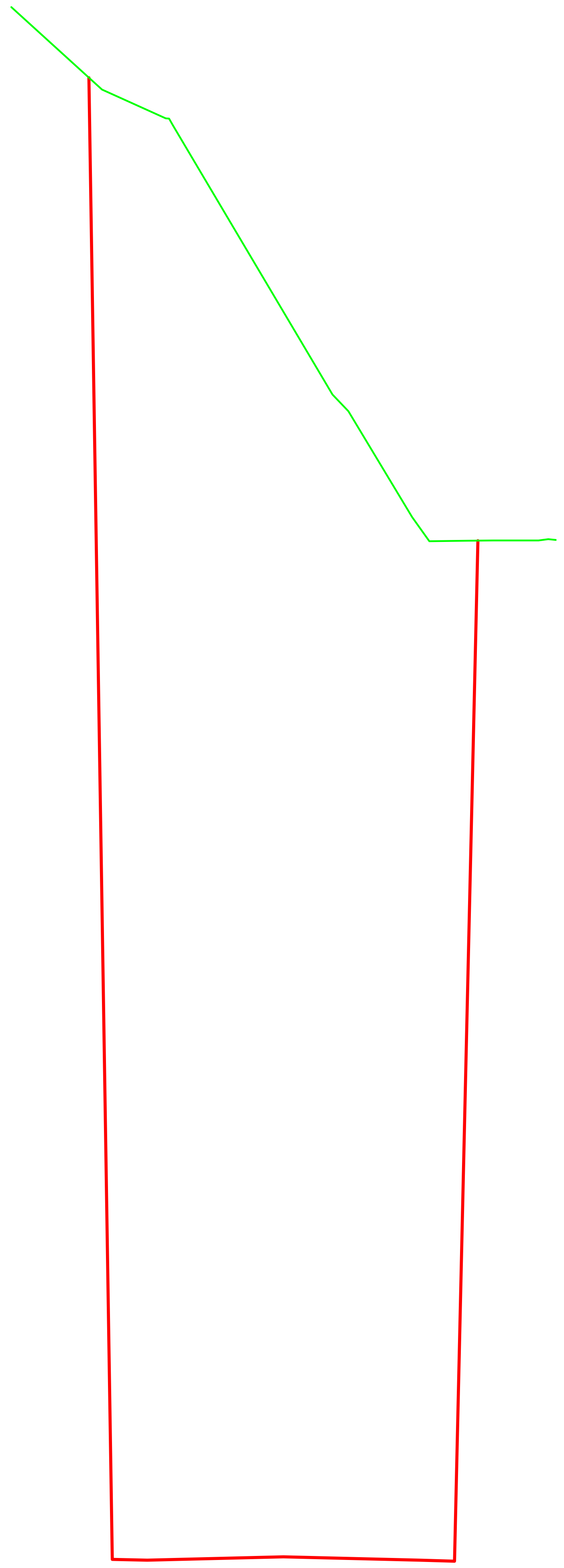
Chainage =62200.000



Level Datum =1008.000

Row	Values
Design Levels	1043.170, 1008.943, 1008.926, 1009.008, 1008.926, 1008.898, 1036.091
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1046.508, 1047.925, 1045.435, 1042.486, 1037.875, 1037.237, 1036.903, 1036.883, 1036.876, 1036.829, 1036.835
Existing Ground Offset	−6.789, −6.057, −5.861, −4.738, −2.249, −0.377, 0.548, 1.848, 2.235, 3.653, 3.929

Chainage =62250.000



Level Datum =1011.000

Row	Values
Design Levels	1050.039, 1011.935, 1011.912, 1012.000, 1011.912, 1011.890, 1038.134
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1049.734, 1048.993, 1048.802, 1041.887, 1041.463, 1038.735, 1038.118, 1038.132, 1038.136, 1038.137, 1038.135, 1038.172
Existing Ground Offset	−4.665, −3.024, −2.839, 1.260, 1.670, 3.305, 3.750, 4.727, 5.392, 5.783, 6.556, 6.809

Chainage =62300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 75b
Sheet :	75b of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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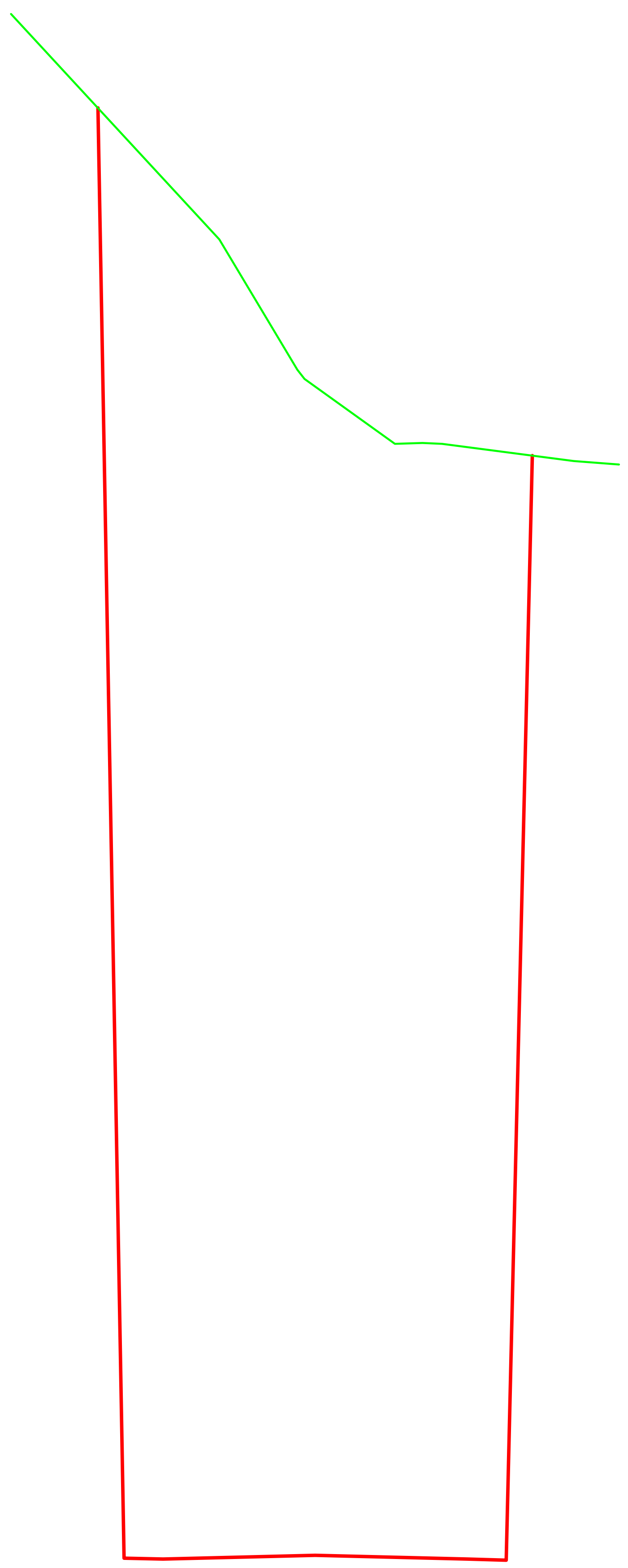
PH:0120-2400144



Level Datum =1014.000

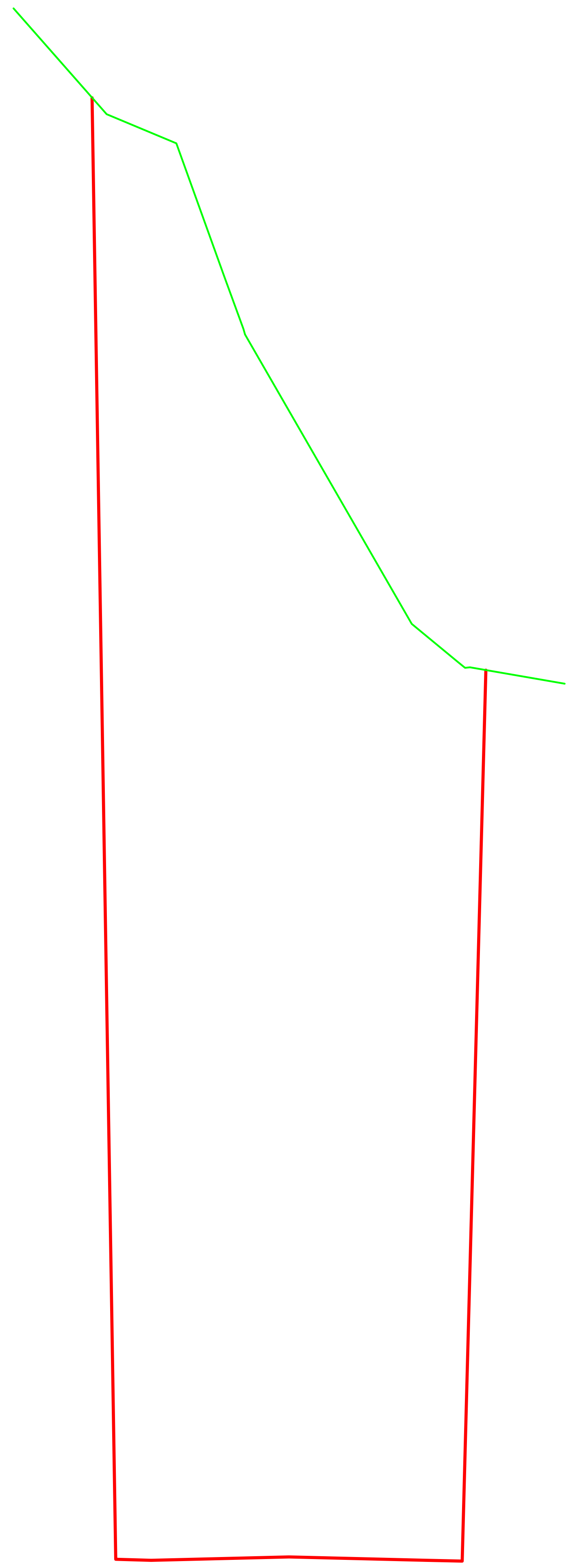
Design Levels	1048.297	1014.926	1014.904	1014.991	1014.904	1014.881	1040.297				
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600					
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11				
Existing Ground Levels	1045.274	1042.275	1042.063	1040.567	1040.596	1040.571	1040.170				
Existing Ground Offset	-2.202	-0.406	-0.242	1.839	2.471	2.924	5.959				

Chainage =62350.000

Level Datum =1017.000

Design Levels	1059.531	1017.918	1017.896	1017.983	1017.896	1017.873	1042.228				
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600					
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11				
Existing Ground Levels	1064.661	1048.857	1045.746	1043.412	1042.795	1043.022	1042.499	1042.206	1042.229	1042.313	1042.318
Existing Ground Offset	-6.630	-1.608	0.013	0.131	0.898	0.980	2.864	3.057	5.054	6.044	6.081

Chainage =62400.000



Level Datum =1020.000

Design Levels	1058.048	1020.910	1020.888	1020.975	1020.888	1020.865	1043.506		
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000		
Design Width	0.600	0.900	3.500	3.500	0.900	0.600			
Design Cut	TL10	ES10	CE10	LC10	CE11	ES11	TL11		
Existing Ground Levels	1057.636	1056.896	1053.475	1052.171	1052.037	1044.681	1043.710	1043.579	1043.575
Existing Ground Offset	-4.632	-2.864	-1.630	-1.160	-1.121	3.118	4.293	4.532	4.596

Chainage =62450.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 75c			Sheet : 75c of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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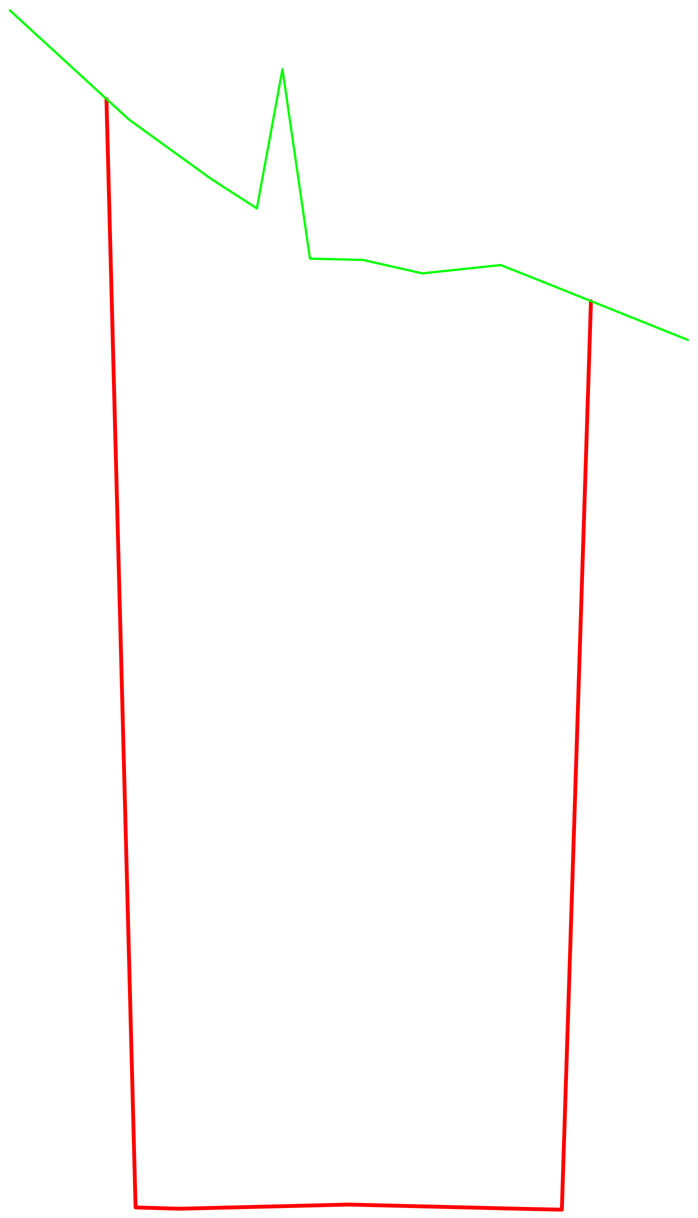


Level Datum =1023.000

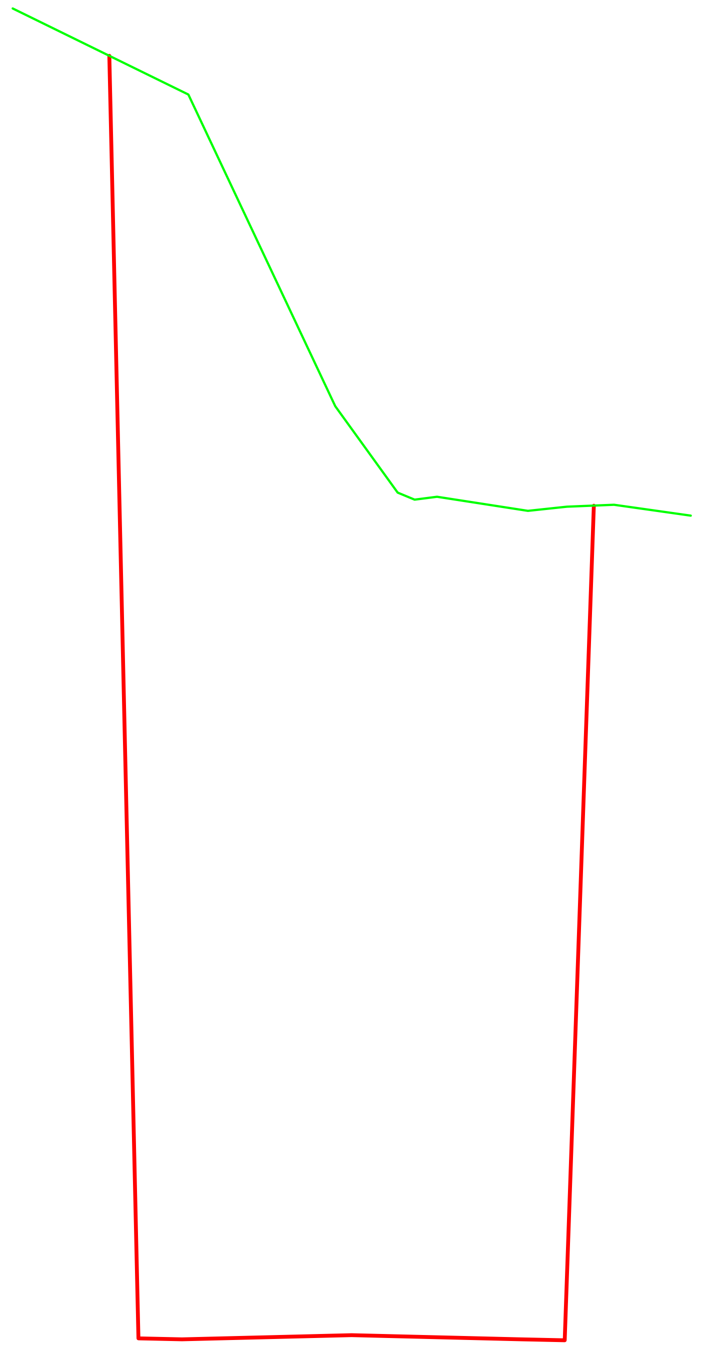
Design Levels	1046.796, 1023.902, 1023.886, 1023.967, 1023.886, 1023.857, 1042.619
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1046.373, 1045.148, 1044.536, 1047.409, 1043.497, 1043.469, 1043.193, 1043.363, 1043.061
Existing Ground Offset	-4.538, -2.848, -1.898, -1.366, -0.802, 0.288, 1.517, 3.139, 3.900

Chainage =62500.000

Level Datum =1026.000

Design Levels	1051.837, 1026.894, 1026.871, 1026.959, 1026.871, 1026.849, 1044.513
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1048.903, 1046.034, 1044.857, 1044.606, 1044.723, 1044.737, 1044.459, 1044.496, 1044.608, 1044.672
Existing Ground Offset	-2.771, -2.115, -0.075, 0.257, 1.242, 1.262, 2.367, 2.757, 4.002, 4.450

Chainage =62550.000



Level Datum =1029.000

Design Levels	1056.364, 1029.886, 1029.863, 1029.951, 1029.863, 1029.841, 1047.079
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	TL10, ES10, CE10, LC10, CE11, ES11, TL11
Existing Ground Levels	1055.565, 1049.129, 1047.347, 1047.202, 1047.262, 1046.976, 1047.054, 1047.097
Existing Ground Offset	-3.373, -0.337, 0.947, 1.300, 1.761, 3.636, 4.446, 5.420

Chainage =62600.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 75d			Sheet : 75d of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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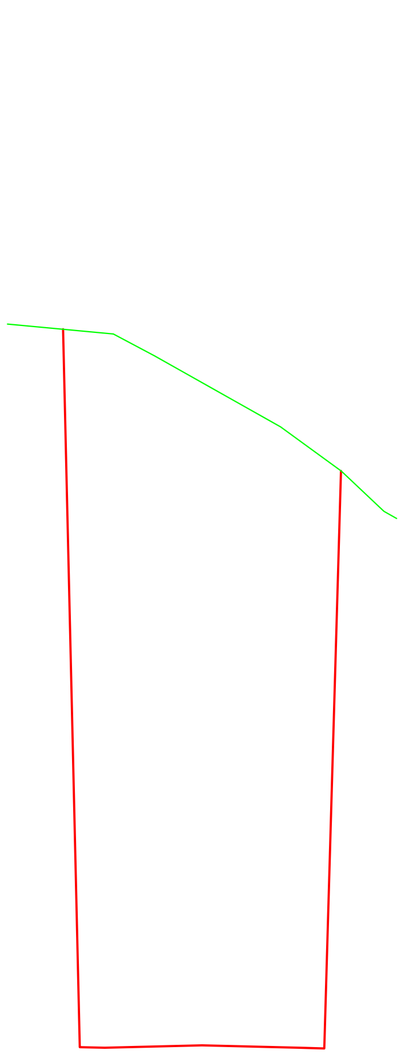
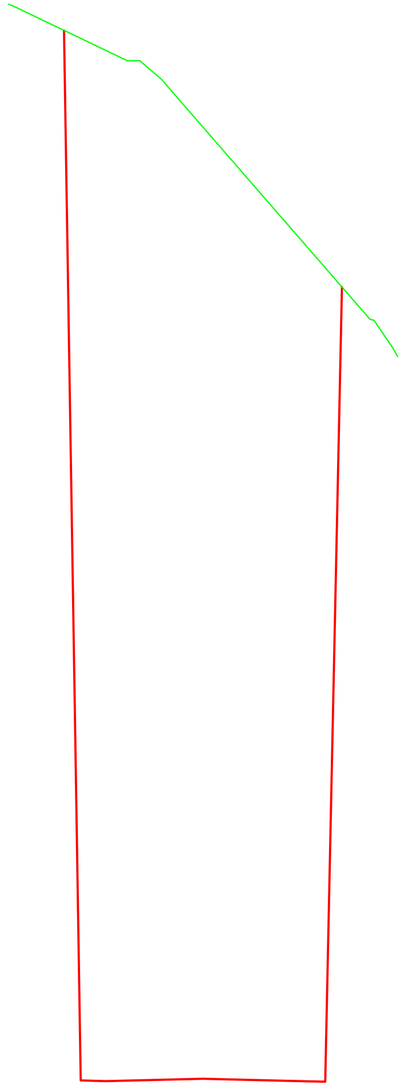


Level Datum =1032.000

Design Levels			1058.712		1032.879	1032.855				1032.945		1032.855	1032.833	1053.617
Design Offset			-5.000		-4.400	-3.500				-0.000		3.500	4.400	5.000
Design Width		0.600		0.900			3.500		3.500		0.900		0.600	
Design Cut		TL10		ES10	CE10				LC10			CE11	ES11	TL11
Existing Ground Levels					1058.542		1057.757					1055.203	1053.605	1052.159
Existing Ground Offset					-3.189		-1.712					2.825	5.016	6.549

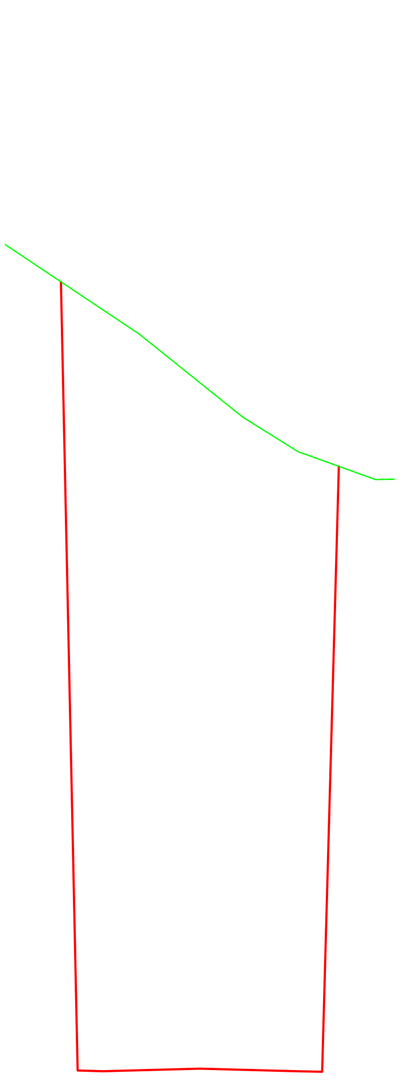
Chainage =62650.000



Level Datum =1035.000

Design Levels			1073.658		1035.876	1035.847				1035.935		1035.847	1035.825	1064.425
Design Offset			-5.000		-4.400	-3.500				0.000		3.500	4.400	5.000
Design Width		0.600		0.900			3.500		3.500		0.900		0.600	
Design Cut		TL10		ES10	CE10				LC10			CE11	ES11	TL11
Existing Ground Levels		1074.471				1072.563	1072.574	1071.904						1063.262
Existing Ground Offset		-6.698				-2.717	-2.281	-1.498						6.010

Chainage =62700.000



Level Datum =1038.000

Design Levels			1067.249		1038.861	1038.839				1038.926		1038.839	1038.816	1060.605
Design Offset			-5.000		-4.400	-3.500				0.000		3.500	4.400	5.000
Design Width		0.600		0.900			3.500		3.500		0.900		0.600	
Design Cut		TL10		ES10	CE10				LC10			CE11	ES11	TL11
Existing Ground Levels		1068.557				1065.367			1062.371			1061.134		1060.128
Existing Ground Offset		-6.955				-2.185			1.556			3.533		6.326

Chainage =62750.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 75e	Sheet :	75eof End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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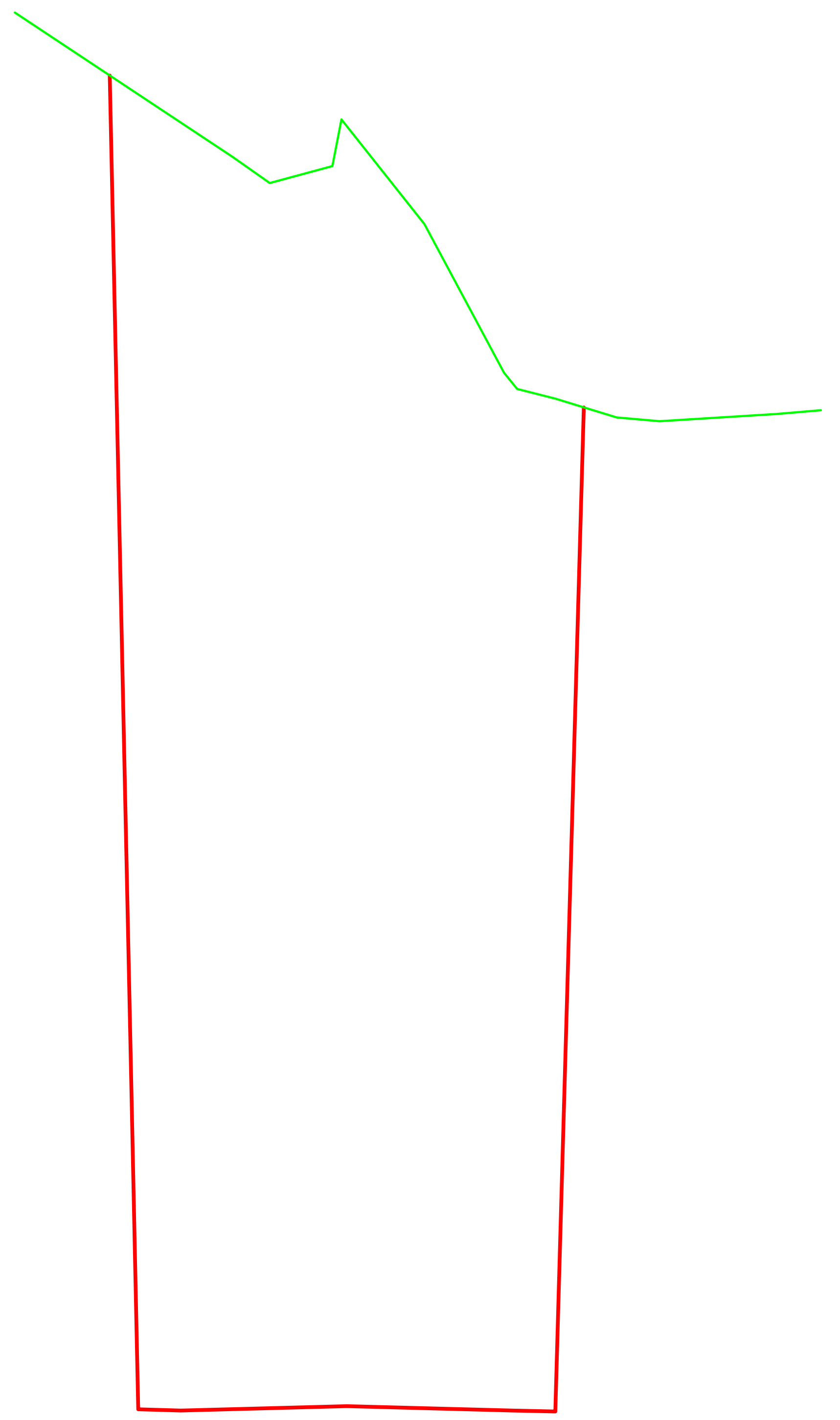
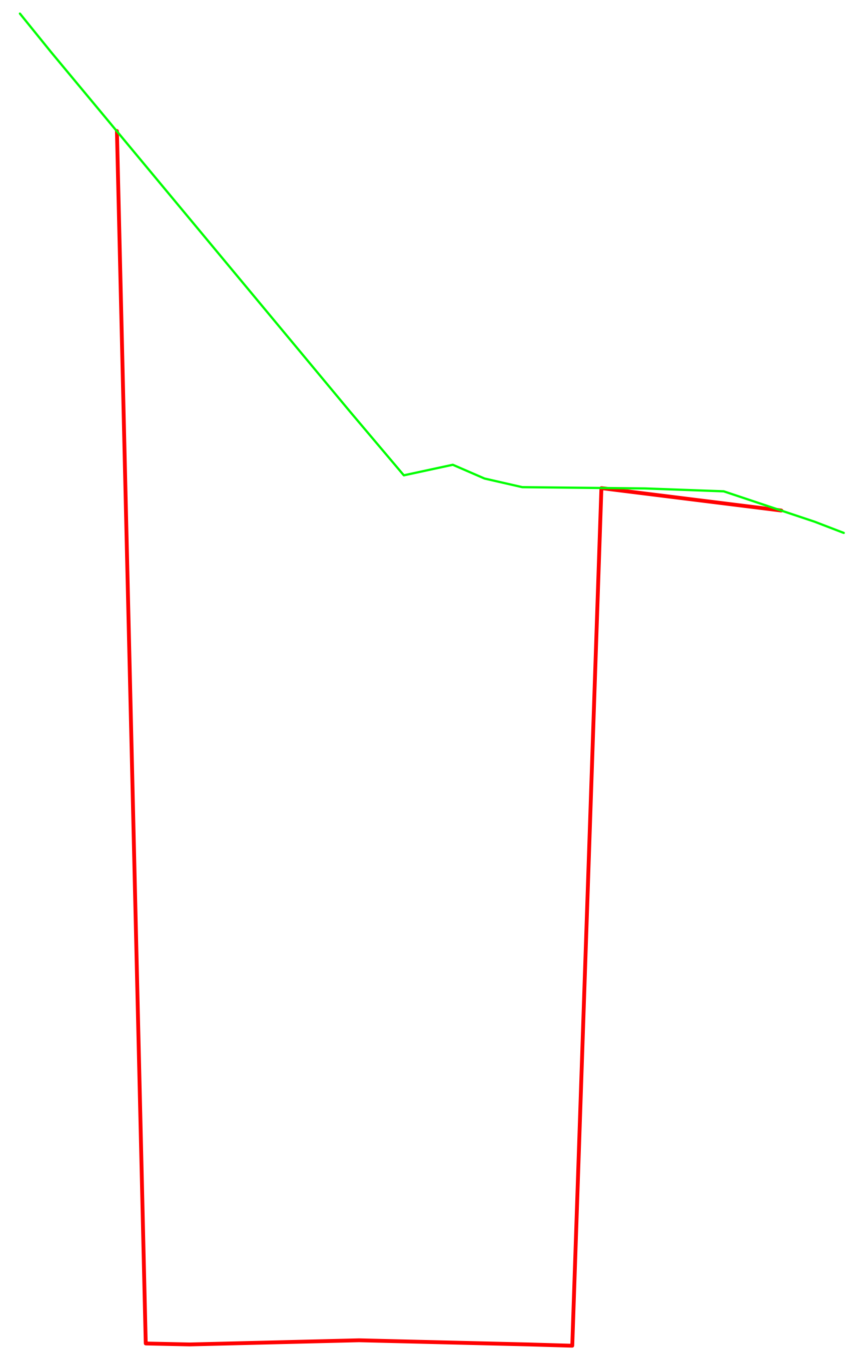


Level Datum =1042.000

Design Levels	1070.584, 1042.463, 1042.440, 1042.528, 1042.440, 1042.418, 1063.587, 1063.497
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 9.670
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.670
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2I
Existing Ground Levels	1068.864, 1068.315, 1068.675, 1069.657, 1067.452, 1064.320, 1063.974, 1063.772, 1063.372, 1063.292, 1063.445, 1063.525
Existing Ground Offset	-2.401, -1.624, -0.306, -0.112, 1.641, 3.318, 3.392, 4.399, 5.694, 6.601, 9.060, 10.000

Chainage =62800.000



Level Datum =1046.000

Design Levels	1071.643, 1046.612, 1046.590, 1046.677, 1046.590, 1046.567, 1064.274, 1063.807
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 8.710
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.710
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2I
Existing Ground Levels	1073.279, 1065.848, 1064.535, 1064.753, 1064.469, 1064.289, 1064.266, 1064.205, 1063.577, 1063.347
Existing Ground Offset	-6.358, -0.187, 0.925, 1.932, 2.586, 3.365, 5.894, 7.520, 9.400, 10.000

Chainage =62850.000

Level Datum =1050.000

Design Levels	1070.752, 1050.762, 1050.740, 1050.827, 1050.740, 1050.717, 1064.499, 1064.145
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 7.757
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.757
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2I
Existing Ground Levels	1070.243, 1069.016, 1065.570, 1064.553, 1064.489, 1064.551, 1064.490, 1064.508, 1064.507, 1063.886, 1063.688
Existing Ground Offset	-4.018, -2.934, 0.410, 2.227, 2.272, 3.735, 3.970, 5.941, 6.086, 8.954, 9.703

Chainage =62900.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 75f			Sheet : 75f of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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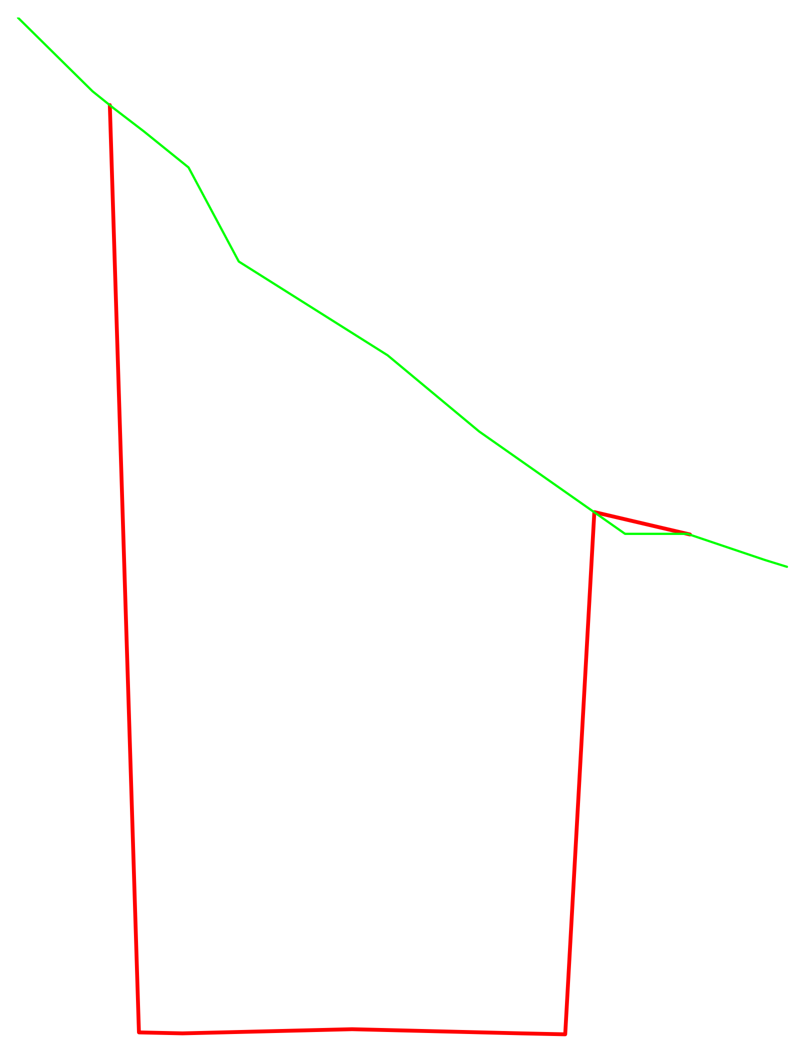


Level Datum =1054.000

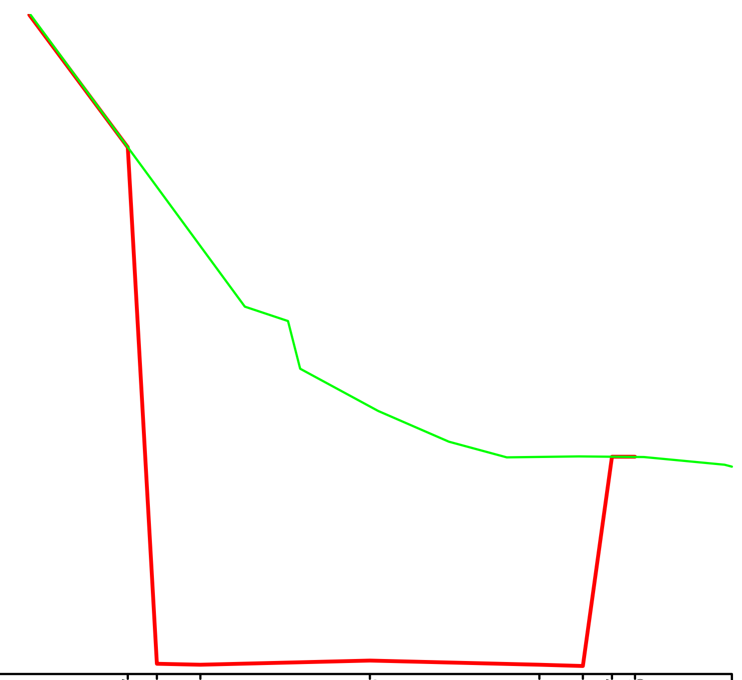
Row	Values
Design Levels	1074.055, 1054.912, 1054.889, 1054.977, 1054.889, 1054.867, 1065.649, 1065.186
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 6.980
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.980
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2I
Existing Ground Levels	1074.341, 1073.987, 1073.510, 1072.768, 1070.824, 1068.890, 1067.318, 1065.203, 1065.203, 1064.657
Existing Ground Offset	-5.352, -4.916, -4.301, -3.374, -2.337, 0.739, 2.624, 5.636, 6.928, 8.533

Chainage =62950.000

Level Datum =1059.000

Row	Values
Design Levels	1078.712, 1074.023, 1059.062, 1059.039, 1059.127, 1059.039, 1059.017, 1065.268, 1064.945
Design Offset	-9.313, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.882
Design Width	4.313, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.882
Design Cut	IA20, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2I
Existing Ground Levels	1079.405, 1075.033, 1070.325, 1068.015, 1066.276, 1065.253, 1065.377, 1065.318, 1065.262, [illegible], 1064.977
Existing Ground Offset	-10.000, -5.664, -2.570, -1.238, -0.180, 1.515, 2.629, 3.190, 5.209, 5.581, [illegible], 5.828

Chainage =63000.000



Level Datum =1063.000

Row	Values
Design Levels	1078.070, 1073.877, 1063.211, 1063.189, 1063.276, 1063.189, 1063.166, 1067.487, 1067.483
Design Offset	-8.115, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.479
Design Width	3.115, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.479
Design Cut	IA20, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2I
Existing Ground Levels	1079.762, 1077.967, 1070.583, 1070.288, 1069.300, 1068.430, 1067.794, 1067.470, 1067.492, 1067.482, 1067.319
Existing Ground Offset	-10.000, -7.999, -2.584, -1.693, -1.442, 0.172, 1.632, 2.826, 4.316, 5.658, 7.323

Chainage =63050.000

Level Datum =1067.000

Row	Values
Design Levels	1085.682, 1080.421, 1067.361, 1067.339, 1067.426, 1067.339, 1067.316, 1070.332, 1070.265
Design Offset	-8.980, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.137
Design Width	3.980, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	IA20, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2I
Existing Ground Levels	1087.030, 1076.800, 1076.486, 1071.600, 1071.610, 1070.695
Existing Ground Offset	-10.000, -2.261, -1.522, 1.258, 1.829, 4.256

Chainage =63100.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 75g			Sheet : 75g of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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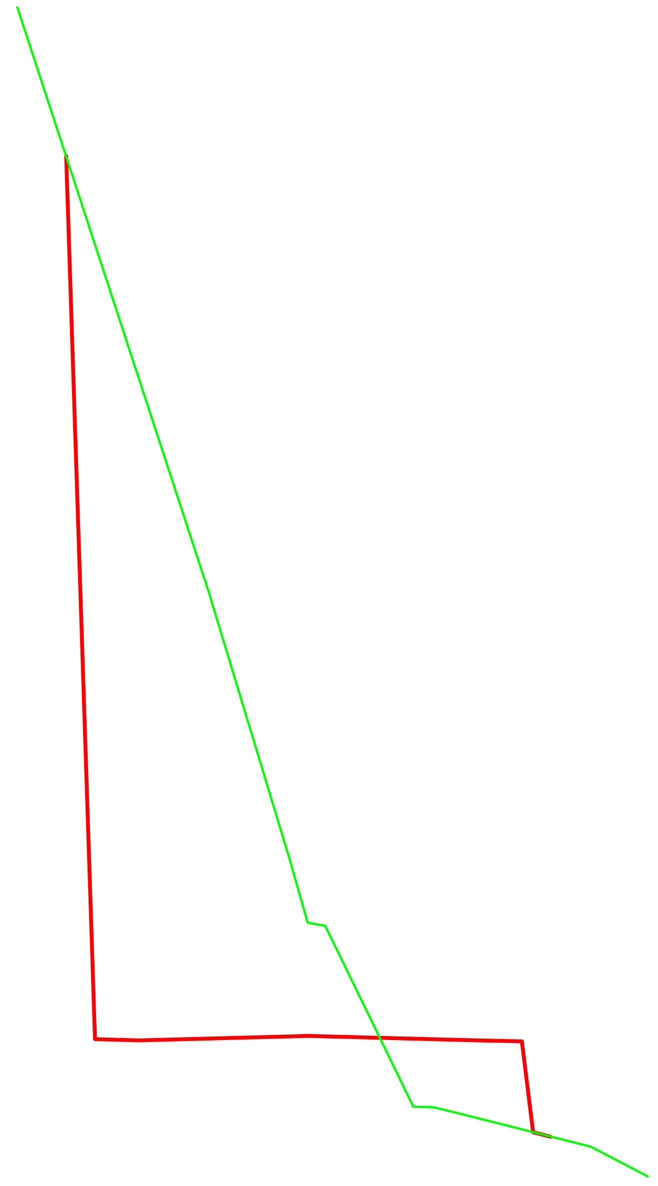
PH:0120-2400144

Level Datum =1069.000

Design Levels	1080.802, 1077.825, 1071.511, 1071.488, 1071.576, 1071.488, 1071.466, 1070.904, 1070.577
Design Offset	-6.723, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.470, 5.000
Design Width	1.723, 0.600, 0.900, 3.500, 3.500, 0.900, 0.070
Design Cut	IA20, TL20, ES20, CE20, LC20, CE21, ES21, IA21, TL21
Existing Ground Levels	1082.706, 1075.697, 1074.074, 1072.328, 1071.912, 1071.901, 1071.852, 1071.979, 1071.520, 1071.243, 1070.375
Existing Ground Offset	-7.824, -3.769, -2.674, -1.365, -0.718, 0.037, 0.787, 2.195, 2.877, 3.923, 5.327

Chainage =63150.000



Level Datum =1072.000

Design Levels	1093.607, 1075.372, 1075.350, 1075.437, 1075.350, 1075.327, 1073.452, 1073.360
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.634, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.234
Design Cut	TL20, ES20, CE20, LC20, CE21, ES21, IA21, TL21
Existing Ground Levels	1099.549, 1084.629, 1079.108, 1077.780, 1077.711, 1073.977, 1073.965, 1073.845, 1073.154
Existing Ground Offset	-6.941, -2.067, -0.393, -0.015, 0.347, 2.160, 2.588, 3.072, 5.822

Chainage =63200.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section
Chainage :-
Drawing No. :- AIPPL/BRO/DPR/CS/ 75h
Sheet : 75h of End
Scale :- NTS
Drng. | Dgn.by | Appd.by | Date: OCT-2021

CONSULTANT:

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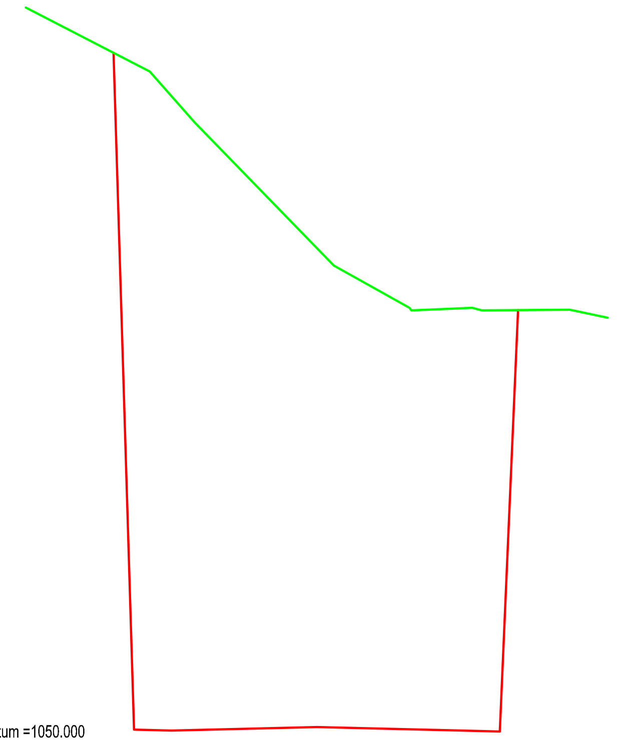
Level Datum =1042.000

Design Levels	1070.584 1042.463 1042.440 1042.528 1042.440 1042.418 1063.587
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Ex. Ground Levels	1068.864 1068.315 1068.675 1069.657 1067.452 1064.320 1063.974 1063.772 1063.372 1063.292
Ex. Ground Offset	−2.401 −1.624 −0.306 −0.112 1.641 3.318 3.592 4.399 5.694 6.601

Chainage =62800.000



Level Datum =1050.000

Design Levels	1070.752 1050.762 1050.740 1050.827 1050.740 1050.717 1064.499
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Ex. Ground Levels	1070.243 1069.016 1065.570 1064.553 1064.489 1064.551 1064.490 1064.508 1064.507
Ex. Ground Offset	−4.018 −2.934 0.410 2.227 2.272 3.735 3.970 5.941 6.086

Chainage =62900.000

Level Datum =1059.000

Design Levels	1074.023 1059.062 1059.039 1059.127 1059.039 1059.017 1065.268 1064.279
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 7.031
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.031
Ex. Ground Levels	1075.033 1070.325 1068.015 1066.276 1065.253 1065.377 1065.318 1065.262 1065.110 1064.977
Ex. Ground Offset	−5.664 −2.570 −1.238 −0.180 1.515 2.629 3.190 5.209 5.581 5.828

Chainage =63000.000

Level Datum =1067.000

Design Levels	1080.421 1067.361 1067.339 1067.426 1067.339 1067.316 1070.332 1069.976
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.730
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.730
Ex. Ground Levels	1076.800 1076.486 1071.600 1071.610 1070.695
Ex. Ground Offset	−2.261 −1.522 1.258 1.829 4.256

Chainage =63100.000

Level Datum =1046.000

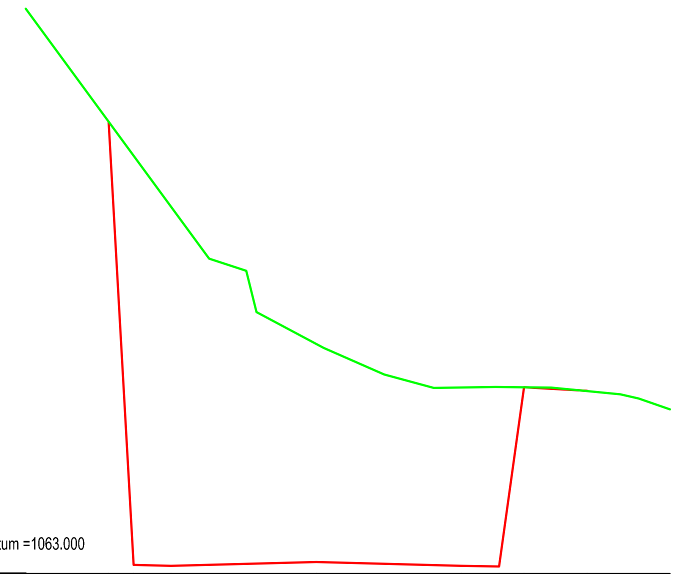
Design Levels	1071.643 1046.612 1046.590 1046.677 1046.590 1046.567 1064.274
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Ex. Ground Levels	1073.279 1065.848 1064.535 1064.753 1064.469 1064.289 1064.266
Ex. Ground Offset	−6.358 −0.187 0.925 1.932 2.586 3.365 5.894

Chainage =62850.000

Level Datum =1054.000

Design Levels	1074.055 1054.912 1054.889 1054.977 1054.889 1054.867 1065.649 1064.452
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 9.193
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.193
Ex. Ground Levels	1074.341 1073.987 1073.510 1072.768 1070.824 1068.890 1067.318 1065.203 1065.203 1064.657 1064.201
Ex. Ground Offset	−5.352 −4.916 −4.301 −3.374 −2.337 0.739 2.624 5.636 6.928 8.533 10.000

Chainage =62950.000



Level Datum =1063.000

Design Levels	1073.877 1063.211 1063.189 1063.276 1063.189 1063.166 1067.487 1067.398
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 6.516
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.516
Ex. Ground Levels	1070.583 1070.288 1069.300 1068.430 1067.794 1067.470 1067.492 1067.482 1067.319 1067.214
Ex. Ground Offset	−2.584 −1.693 −1.442 0.172 1.632 2.826 4.316 5.658 7.323 7.762

Chainage =63050.000

Level Datum =1069.000

Design Levels	1077.825 1071.511 1071.488 1071.576 1071.488 1071.466 1070.904 1070.577
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 4.470 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.070
Ex. Ground Levels	1075.697 1074.074 1072.328 1071.912 1071.901 1071.852 1071.979 1071.520 1071.243 1070.375
Ex. Ground Offset	−3.769 −2.674 −1.365 −0.718 0.037 0.787 2.195 2.877 3.923 5.327

Chainage =63150.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 76
Sheet :	76 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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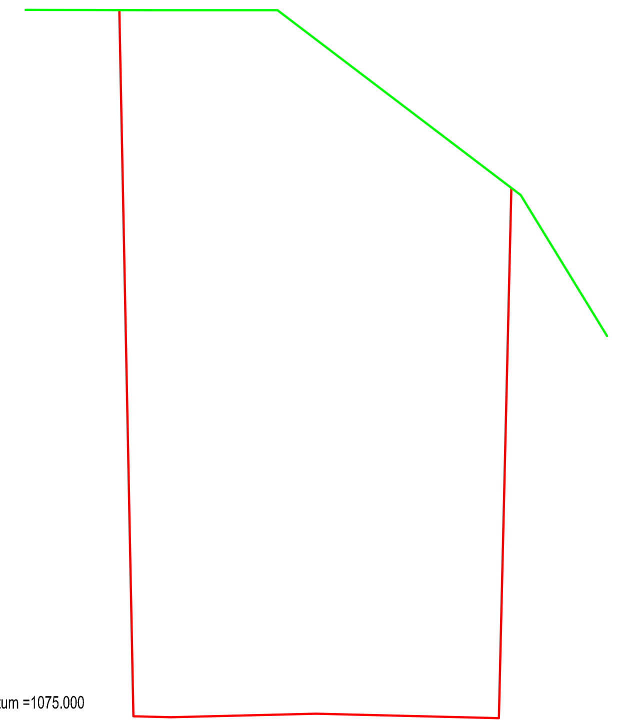
PH:0120-2400144

Level Datum =1072.000

Design Levels	1093.607, 1075.372, 1075.350, 1075.437, 1075.350, 1075.327, 1073.452, 1073.360
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.634, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.234
Ex. Ground Levels	1099.5[illegible], 1084.629, 1079.108, 1077.780, 1077.711, 1073.977, 1073.965, 1073.845, 1073.154
Ex. Ground Offset	−6.9[illegible], −2.067, −0.393, −0.015, 0.347, 2.160, 2.588, 3.072, 5.822

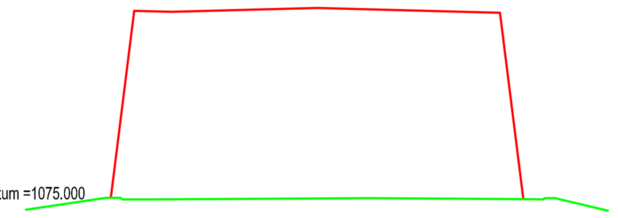
Chainage =63200.000



Level Datum =1075.000

Design Levels	1105.605, 1075.384, 1075.361, 1075.449, 1075.361, 1075.339, 1101.016
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1105.601, 1105.603, 1101.147
Ex. Ground Offset	−3.936, −0.937, 4.919

Chainage =63300.000



Level Datum =1075.000

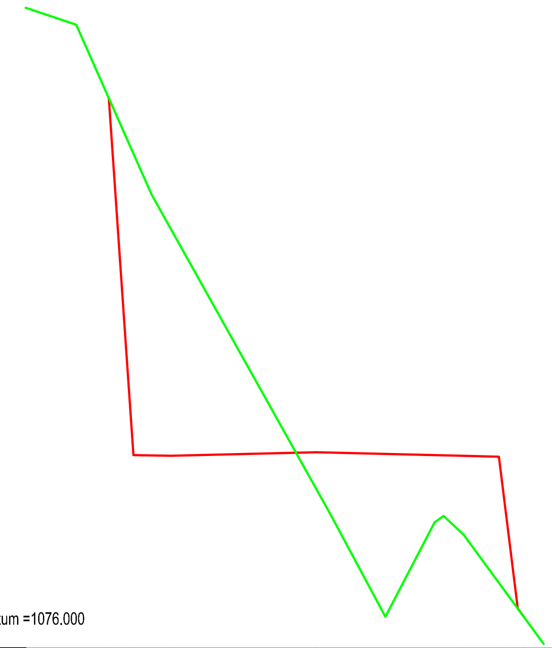
Design Levels	1075.611, 1075.611, 1080.104, 1080.081, 1080.169, 1080.081, 1080.059, 1075.579, 1075.578
Design Offset	−5.000, −4.962, −4.400, −3.500, −0.000, 3.500, 4.400, 4.960, 5.000
Design Width	0.038, 0.900, 3.500, 3.500, 0.900, 0.560
Ex. Ground Levels	1075.606, 1075.612, 1075.572, 1075.575, 1075.604, 1075.578, 1075.573, 1075.503, 1075.601
Ex. Ground Offset	−5.120, −5.078, −4.683, −4.070, 1.234, 5.023, 5.445, 5.482, 5.727

Chainage =63400.000

Level Datum =1082.000

Design Levels	1089.145, 1088.927, 1088.760, 1088.737, 1088.825, 1088.737, 1088.715, 1083.642, 1083.619
Design Offset	−5.000, −4.417, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.037
Design Width	0.583, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1089.232, 1088.191, 1086.338, 1086.256, 1084.920, 1084.787, 1083.914, 1083.953, 1083.957
Ex. Ground Offset	−5.097, −3.925, −1.405, −1.332, −0.525, −0.377, 2.989, 3.632, 4.505

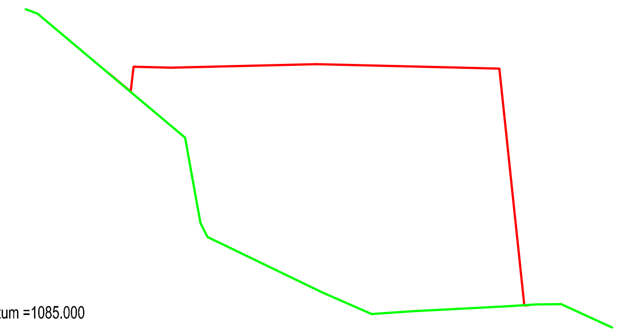
Chainage =63550.000



Level Datum =1076.000

Design Levels	1091.587, 1082.989, 1082.966, 1083.054, 1082.966, 1082.944, 1079.292, 1079.096
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.857, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.457
Ex. Ground Levels	1093.349, 1089.261, 1081.593, 1079.092, 1080.851, 1081.518, 1081.068
Ex. Ground Offset	−5.786, −3.963, 0.327, 1.667, 2.583, 3.069, 3.555

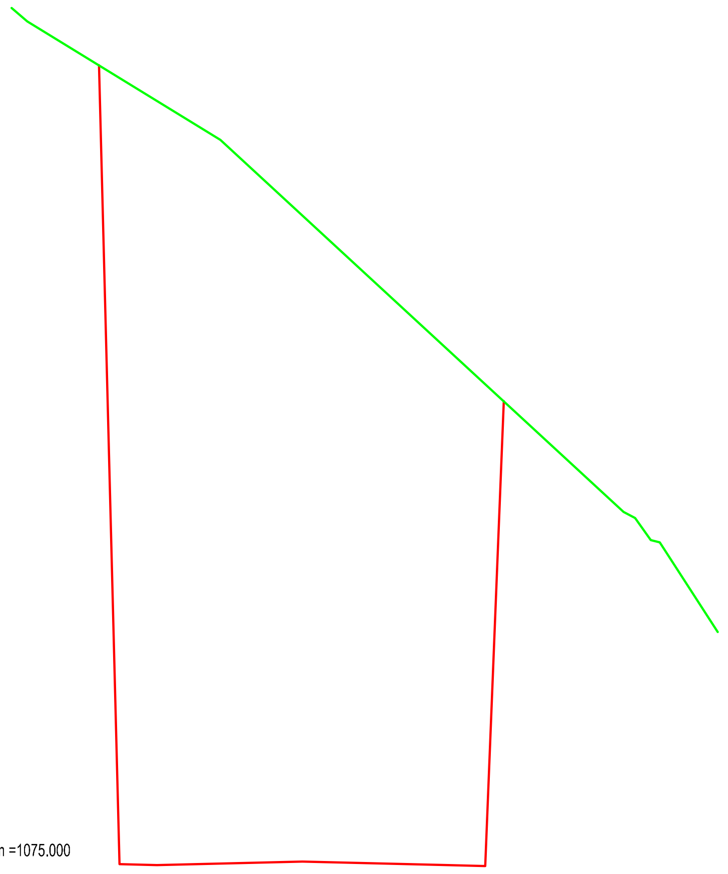
Chainage =63450.000



Level Datum =1085.000

Design Levels	1091.483, 1091.042, 1091.645, 1091.622, 1091.710, 1091.622, 1091.600, 1085.893, 1085.900
Design Offset	−5.000, −4.475, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.113
Design Width	0.525, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1092.9[illegible]6, 1089.937, 1087.875, 1087.537, 1087.345, 1086.197, 1085.686, 1085.748, 1085.788, 1085.867, 1085.909, 1085.919
Ex. Ground Offset	−6.71[illegible], −3.163, −2.792, −2.625, −2.227, 0.153, 1.331, 2.339, 3.086, 4.560, 5.278, 5.890

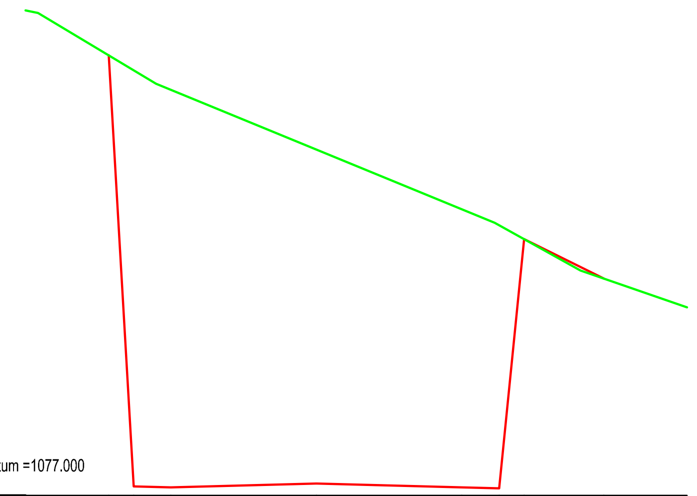
Chainage =63600.000



Level Datum =1075.000

Design Levels	1098.621, 1075.384, 1075.361, 1075.449, 1075.361, 1075.339, 1090.326, 1085.622
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 9.542
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.542
Ex. Ground Levels	1099.6[illegible]4, 1096.761, 1087.802, 1087.660, 1087.126, 1087.070, 1084.915
Ex. Ground Offset	−6.61[illegible], −1.969, 7.734, 8.005, 8.383, 8.603, 10.000

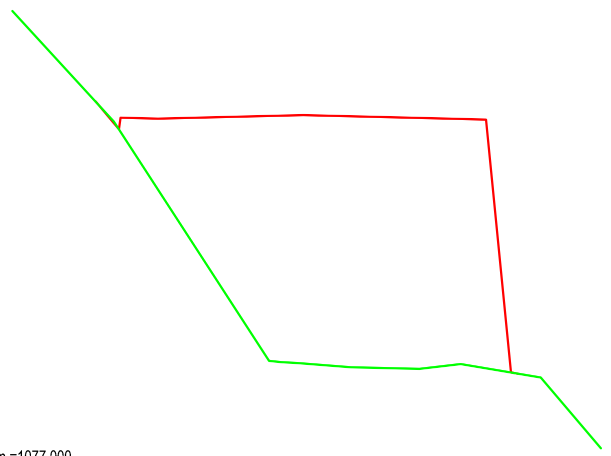
Chainage =63250.000



Level Datum =1077.000

Design Levels	1087.591, 1077.218, 1077.196, 1077.283, 1077.196, 1077.173, 1083.167, 1082.218
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.922
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.922
Ex. Ground Levels	1088.6[illegible]0, 1086.908, 1083.559, 1082.413
Ex. Ground Offset	−6.70[illegible], −3.858, 4.292, 6.361

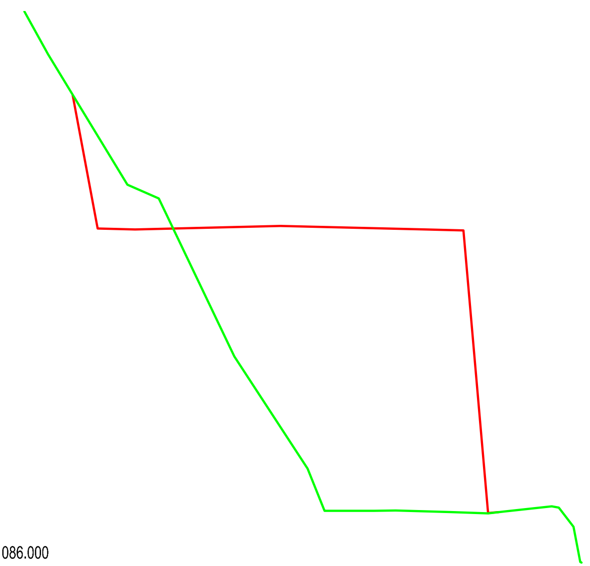
Chainage =63350.000



Level Datum =1077.000

Design Levels	1086.267, 1085.597, 1085.874, 1085.852, 1085.939, 1085.852, 1085.829, 1079.747, 1079.719
Design Offset	−5.000, −4.435, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.164
Design Width	0.565, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1085.787, 1080.026, 1079.998, 1079.971, 1079.870, 1079.836, 1079.953, 1079.625
Ex. Ground Offset	−4.558, −0.824, −0.529, −0.125, 1.149, 2.798, 3.789, 5.716

Chainage =63500.000



Level Datum =1086.000

Design Levels	1097.749, 1094.530, 1094.508, 1094.595, 1094.508, 1094.485, 1087.669, 1087.694
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.249
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1098.733, 1095.592, 1095.256, 1091.450, 1088.748, 1087.731, 1087.728, 1087.737, 1087.695, 1087.669, 1087.709, 1087.835, 1087.805, [illegible], 1086.495
Ex. Ground Offset	−5.600, −3.686, −2.930, −1.116, 0.654, 1.058, 2.251, 2.768, 4.110, 4.996, 5.395, 6.530, [illegible], [illegible], 7.215

Chainage =63650.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 77
Sheet :	77 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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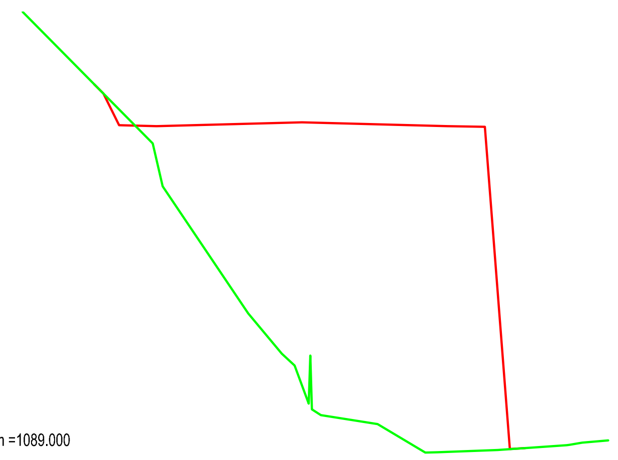


Level Datum =1089.000

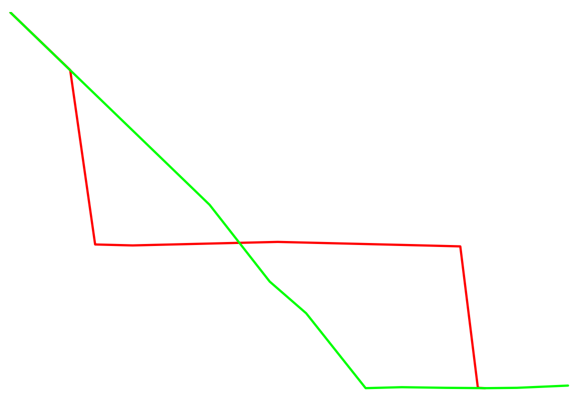
Design Levels	1098.287 1098.064 1097.304 1097.281 1097.369 1097.281 1097.259 1089.501 1089.526
Design Offset	−5.000 −4.780 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.367
Design Width	0.220 0.900 3.500 3.500 0.900 0.600 0.367
Ex. Ground Levels	1096.863 1095.826 1092.767 1091.796 1091.513 1091.749 1090.318 1090.102 1089.415 1089.423 1089.480 1089.595 1089.656
Ex. Ground Offset	−3.595 −3.357 −1.298 −0.488 −0.175 0.196 0.455 1.813 2.968 3.270 4.704 6.361 6.743

Chainage =63700.000

Level Datum =1093.000

Design Levels	1099.563 1099.153 1099.857 1099.834 1099.922 1099.834 1099.812 1094.592 1094.621
Design Offset	−5.000 −4.488 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.049
Design Width	0.512 0.900 3.500 3.500 0.900 0.600
Ex. Ground Levels	1100.726 1098.090 1095.663 1095.550 1095.284 1094.425 1094.414 1094.329 1094.244 1094.180 1094.872 1094.965
Ex. Ground Offset	−6.459 −3.158 −1.248 −0.791 −0.016 1.004 1.491 2.583 3.711 4.307 5.472 5.822

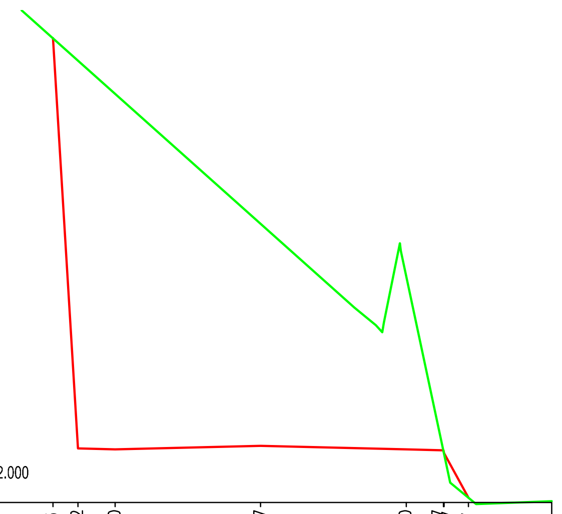
Chainage =63750.000



Level Datum =1098.000

Design Levels	1109.199 1106.394 1102.190 1102.167 1102.255 1102.167 1102.145 1098.736 1098.735
Design Offset	−7.905 −5.000 −4.400 −3.500 0.000 3.500 4.400 4.826 5.000
Design Width	2.905 0.600 0.900 3.500 3.500 0.900 0.426
Ex. Ground Levels	1103.149 1101.302 1100.534 1098.729 1098.756 1098.741 1098.735 1098.741
Ex. Ground Offset	−1.640 −0.194 0.685 2.123 2.990 4.049 5.040 5.769

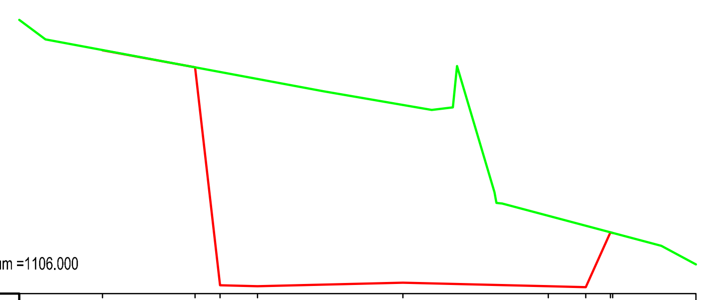
Chainage =63800.000



Level Datum =1102.000

Design Levels	1114.183 1104.302 1104.280 1104.367 1104.280 1104.257 1104.187 1103.117
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 4.409 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.009
Ex. Ground Levels	1107.696 1107.272 1107.329 1109.243 1109.054 1103.480 1102.963
Ex. Ground Offset	2.258 2.773 2.962 3.348 3.372 4.559 5.186

Chainage =63850.000



Level Datum =1106.000

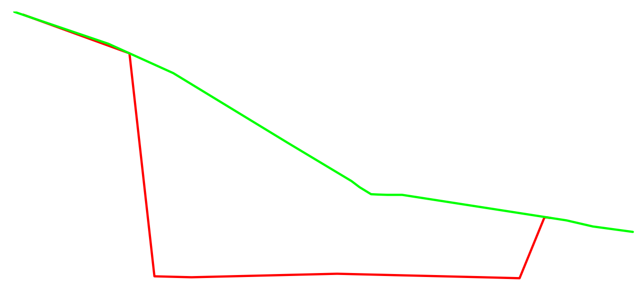
Design Levels	1111.851 1111.436 1106.195 1106.172 1106.260 1106.172 1106.150 1107.468 1107.454
Design Offset	−7.228 −5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.052
Design Width	2.228 0.600 0.900 3.500 3.500 0.900 0.600
Ex. Ground Levels	1112.103 1110.858 1110.411 1110.472 1111.467 1108.436 1108.164 1107.142
Ex. Ground Offset	−8.596 −1.897 0.696 1.206 1.309 2.209 2.389 6.222

Chainage =63900.000

Level Datum =1107.000

Design Levels	1115.143 1113.651 1107.979 1107.956 1108.044 1107.956 1107.934 1109.588 1109.587
Design Offset	−7.982 −5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.227
Design Width	2.982 0.600 0.900 3.500 3.500 0.900 0.600
Ex. Ground Levels	1114.692 1111.531 1111.298 1110.367 1110.208 1109.534 1109.595 1109.602 1109.587 1109.587
Ex. Ground Offset	−7.317 −0.279 −0.074 1.107 1.788 2.117 3.579 3.690 5.106 5.248

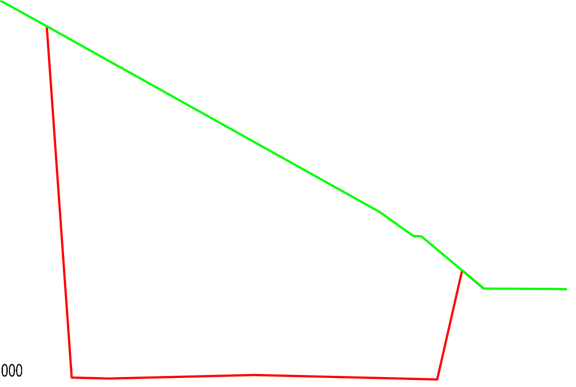
Chainage =63950.000



Level Datum =1109.000

Design Levels	1116.077 1115.146 1109.763 1109.740 1109.828 1109.740 1109.718 1111.193 1111.173
Design Offset	−7.557 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.128
Design Width	2.557 0.600 0.900 3.500 3.500 0.900 0.600
Ex. Ground Levels	1116.392 1115.374 1114.668 1112.980 1112.062 1111.918 1111.735 1111.732 1111.733 1111.110 1110.969
Ex. Ground Offset	−8.476 −5.505 −3.944 −1.175 0.349 0.547 0.985 1.210 1.567 5.530 6.163

Chainage =64000.000



Level Datum =1111.000

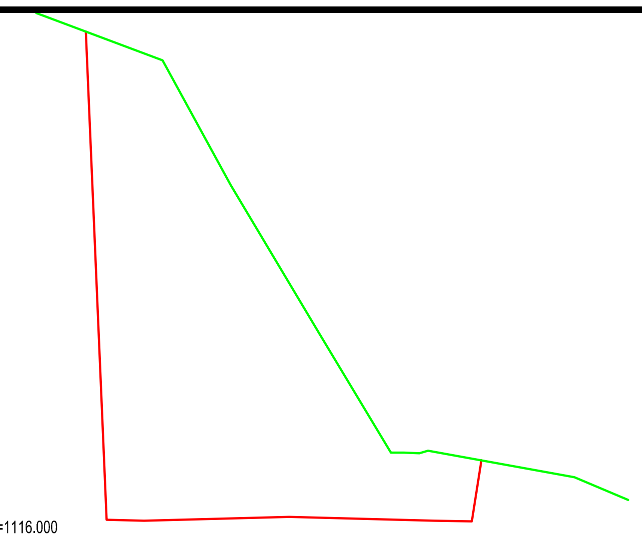
Design Levels	1120.009 1111.547 1111.524 1111.612 1111.524 1111.502 1114.131 1113.709
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.504
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.504
Ex. Ground Levels	1120.056 1115.535 1114.955 1114.945 1113.693 1113.685 1113.684
Ex. Ground Offset	−5.086 3.019 3.828 4.026 5.524 7.066 7.180

Chainage =64050.000

Level Datum =1113.000

Design Levels	1128.669 1113.331 1113.308 1113.396 1113.308 1113.286 1115.539 1115.212
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.363
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.363
Ex. Ground Levels	1128.251 1121.847 1121.641 1121.209 1117.309 1116.226 1114.668 1115.087
Ex. Ground Offset	−4.595 −0.180 0.017 0.323 2.238 4.236 5.967 6.932

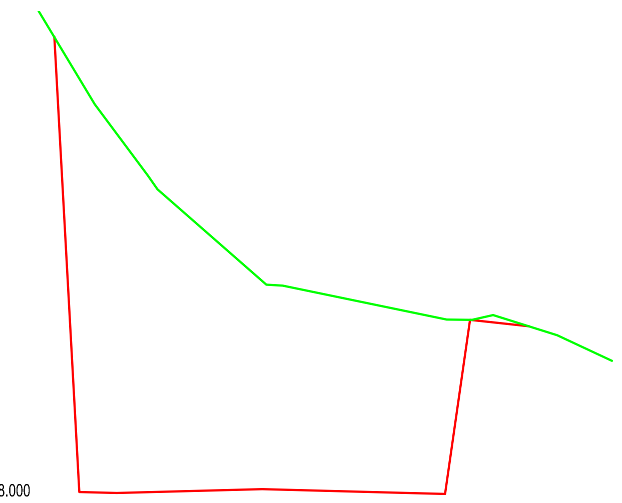
Chainage =64100.000



Level Datum =1116.000

Design Levels	1131.047 1116.899 1116.876 1116.964 1116.876 1116.854 1120.604 1120.392
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 6.169
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.169
Ex. Ground Levels	1130.317 1127.306 1123.716 1120.858 1120.861 1120.883 1120.943 1120.904 1120.265
Ex. Ground Offset	−3.053 −1.408 0.733 2.454 2.765 3.138 3.158 3.344 6.875

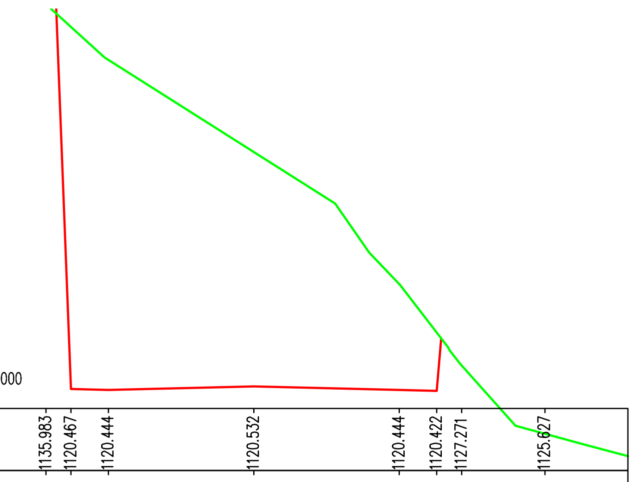
Chainage =64200.000



Level Datum =1118.000

Design Levels	1129.642 1118.683 1118.660 1118.748 1118.660 1118.638 1122.824 1122.672
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 6.417
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.417
Ex. Ground Levels	1132.418 1128.024 1126.305 1125.970 1123.673 1123.650 1122.837 1122.823 1122.942 1122.457
Ex. Ground Offset	−6.688 −4.028 −2.751 −2.519 0.100 0.495 4.441 5.046 5.561 7.101

Chainage =64250.000



Level Datum =1120.000

Design Levels	1135.983 1120.467 1120.444 1120.532 1120.444 1120.422 1127.271 1125.627
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 7.003
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.003
Ex. Ground Levels	1136.559 1134.705 1131.179 1130.005 1129.214 1127.717 1127.316 1125.821 1125.384
Ex. Ground Offset	−5.634 −3.593 1.955 2.771 3.518 4.671 4.959 6.293 7.896

Chainage =64300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 78			Sheet : 78 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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R.n. 73, Kapil Muni House, Sector - 62
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144

Level Datum =1122.000

Row	Values
Design Levels	1133.587, 1122.251, 1122.228, 1122.316, 1122.228, 1122.206, 1126.451, 1125.972
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.283
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.283
Ex. Ground Levels	1135.862, 1135.390, 1134.550, 1129.309, 1130.626, 1130.527, 1129.419, 1127.563, 1127.524, 1126.516, 1126.425, 1126.423, 1126.382, 1126.383, 1126.500, 1125.223
Ex. Ground Offset	−6.561, −6.026, −5.586, −2.396, −1.744, −1.735, −1.264, −0.623, −0.520, 0.910, 2.076, 2.466, 3.068, 4.413, 5.431, 7.494

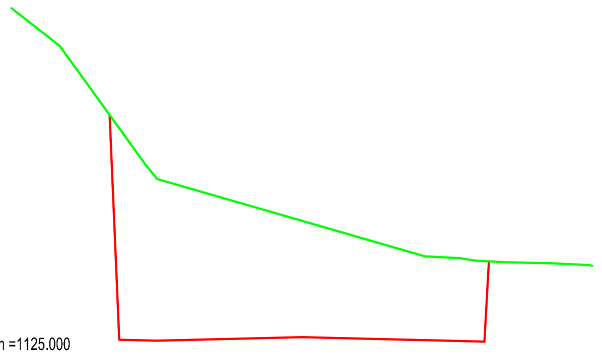
Chainage =64350.000

Level Datum =1123.000

Row	Values
Design Levels	1145.794, 1124.035, 1124.012, 1124.100, 1124.012, 1123.990, 1132.659
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1143.920, 1143.138, 1141.984, 1140.047, 1132.078, 1134.115, 1137.202
Ex. Ground Offset	−1.766, −1.329, −0.392, 0.388, 5.362, 5.966, 6.571

Chainage =64400.000

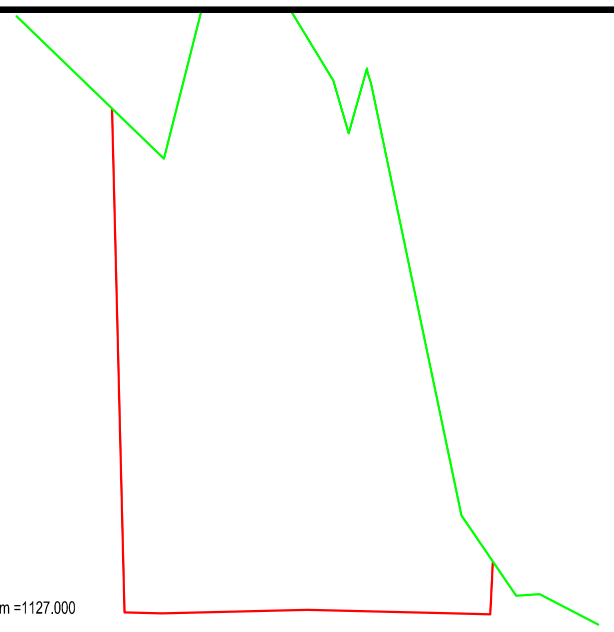
Level Datum =1125.000



Row	Values
Design Levels	1140.144, 1125.819, 1125.796, 1125.884, 1125.796, 1125.774, 1136.081
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1141.294, 1138.424, 1138.087, 1137.965, 1136.223, 1136.213, 1136.179, 1136.121, 1136.082, 1136.058, 1136.018, 1136.009
Ex. Ground Offset	−5.830, −3.759, −3.481, −3.054, 2.982, 3.195, 3.800, 4.202, 4.941, 6.003, 6.894, 6.932

Chainage =64450.000

Level Datum =1127.000



Row	Values
Design Levels	1151.855, 1127.603, 1127.580, 1127.668, 1127.580, 1127.558, 1139.867
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1150.360, 1156.414, 1152.244, 1150.968, 1152.537, 1152.163, 1141.766, 1139.831, 1139.875
Ex. Ground Offset	−3.454, −1.915, 0.622, 0.991, 1.435, 1.537, 3.704, 5.024, 5.587

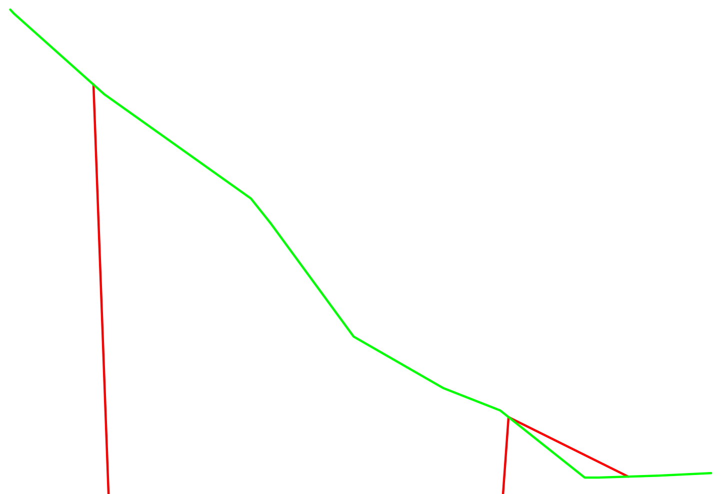
Chainage =64500.000

Level Datum =1129.000

Row	Values
Design Levels	1153.229, 1129.387, 1129.364, 1129.452, 1129.364, 1129.342, 1139.890, 1137.301
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 8.380
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.380
Ex. Ground Levels	1154.850, 1149.582, 1148.181, 1145.121, 1145.129, 1140.347, 1140.347, 1140.312, 1139.860, 1139.850, 1139.921, 1136.796, 1135.894
Ex. Ground Offset	−5.506, −3.862, −2.830, −2.153, −1.985, −0.335, 0.354, 1.174, 3.710, 4.463, 5.410, 8.952, 10.000

Chainage =64550.000

Level Datum =1131.000



Row	Values
Design Levels	1147.538, 1131.171, 1131.148, 1131.236, 1131.148, 1131.126, 1139.519, 1138.084
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 7.879
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.879
Ex. Ground Levels	1149.254, 1147.302, 1144.789, 1144.188, 1141.459, 1140.215, 1139.680, 1138.062, 1138.058, 1138.109, 1138.109
Ex. Ground Offset	−6.915, −4.737, −1.204, −0.726, 1.269, 3.422, 4.798, 6.831, 7.158, 8.591, 8.593

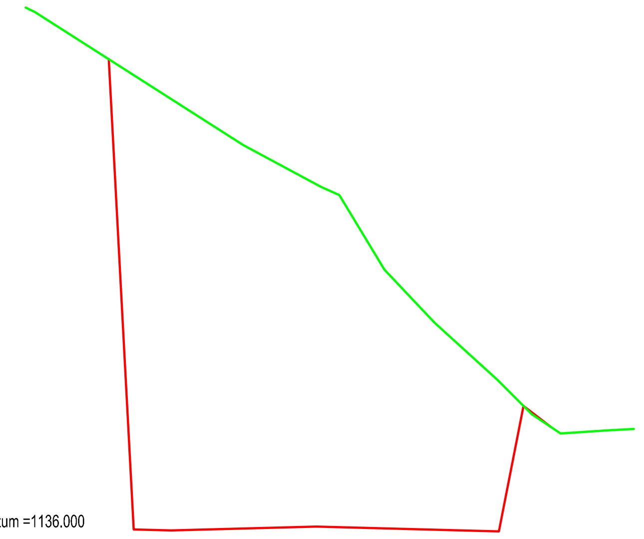
Chainage =64600.000

Level Datum =1132.000

Row	Values
Design Levels	1148.287, 1132.955, 1132.932, 1133.020, 1132.932, 1132.910, 1138.187, 1137.563
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.727
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.727
Ex. Ground Levels	1147.731, 1144.743, 1141.176, 1140.343, 1140.277, 1138.554, 1138.542, 1138.387, 1138.377, 1138.003
Ex. Ground Offset	−4.694, −3.540, −1.176, −0.508, −0.170, 2.636, 2.863, 4.233, 4.420, 5.561

Chainage =64650.000

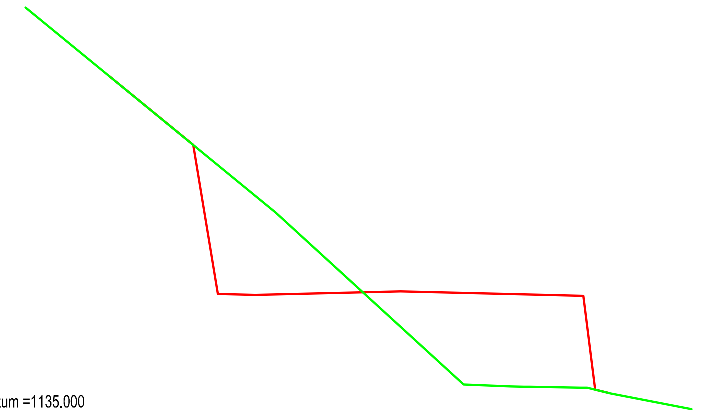
Level Datum =1136.000



Row	Values
Design Levels	1147.851, 1136.523, 1136.501, 1136.588, 1136.501, 1136.478, 1139.495, 1138.991
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.657
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.657
Ex. Ground Levels	1148.987, 1145.782, 1144.774, 1144.578, 1142.782, 1141.499, 1140.126, 1139.299, 1138.835, 1138.910
Ex. Ground Offset	−6.785, −1.758, 0.127, 0.558, 1.644, 2.852, 4.361, 5.199, 5.890, 7.059

Chainage =64750.000

Level Datum =1135.000



Row	Values
Design Levels	1143.571, 1141.903, 1138.307, 1138.285, 1138.372, 1138.285, 1138.262, 1136.004, 1135.927
Design Offset	−7.032, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.682, 5.000
Design Width	2.032, 0.600, 0.900, 3.500, 3.500, 0.900, 0.282
Ex. Ground Levels	1140.271, 1136.127, 1136.086, 1136.072, 1136.048, 1136.051, 1135.913
Ex. Ground Offset	−3.011, 1.518, 2.650, 3.114, 4.336, 4.488, 5.056

Chainage =64800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widening/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 79
Sheet :	79 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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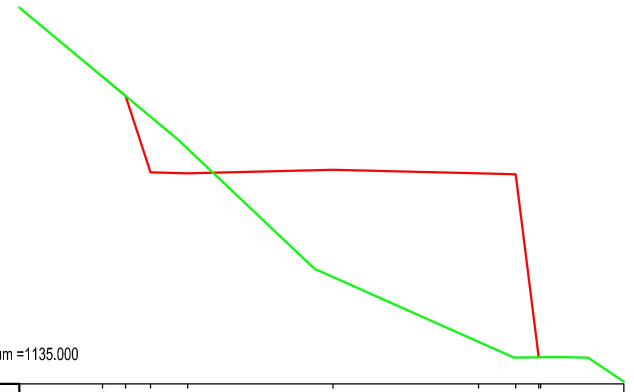
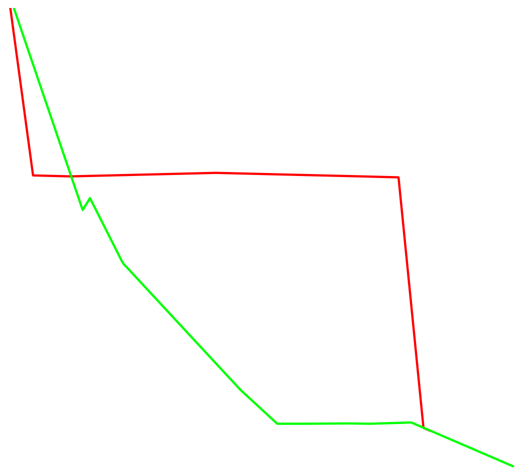


Level Datum =1135.000

Row	Values
Design Levels	1142.398, 1141.938, 1140.091, 1140.069, 1140.156, 1140.069, 1140.046, 1135.641, 1135.642
Design Offset	-5.553, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.951, 5.000
Design Width	0.553, 0.600, 0.900, 3.500, 3.500, 0.900, 0.551
Ex. Ground Levels	1140.902, 1137.797, 1137.733, 1135.632, 1135.649, 1135.633
Ex. Ground Offset	-3.754, -0.476, -0.365, 4.358, 5.373, 6.142

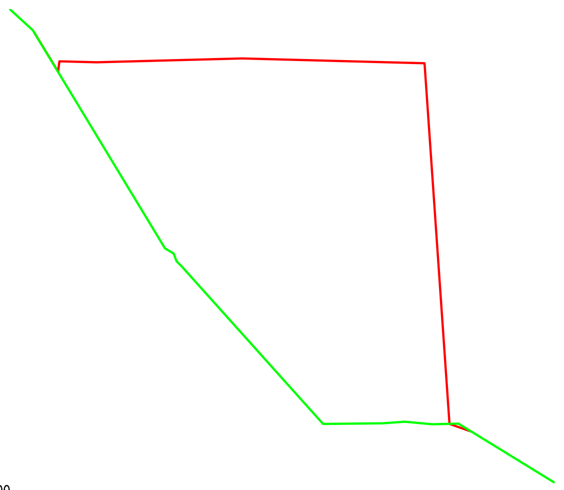
Chainage =64850.000



Level Datum =1134.000

Row	Values
Design Levels	1150.463, 1146.322, 1141.875, 1141.853, 1141.940, 1141.853, 1141.830, 1135.799, 1135.729
Design Offset	-8.694, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.163
Design Width	3.694, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1150.764, 1150.170, 1149.089, 1147.416, 1141.946, 1141.328, 1139.805, 1139.688, 1136.710, 1135.894, 1135.899, 1135.904, 1135.896, 1135.925
Ex. Ground Offset	-10.000, -7.421, -5.992, -5.372, -3.206, -3.024, -2.256, -2.163, 0.595, 1.484, 2.182, 3.173, 3.714, 4.708

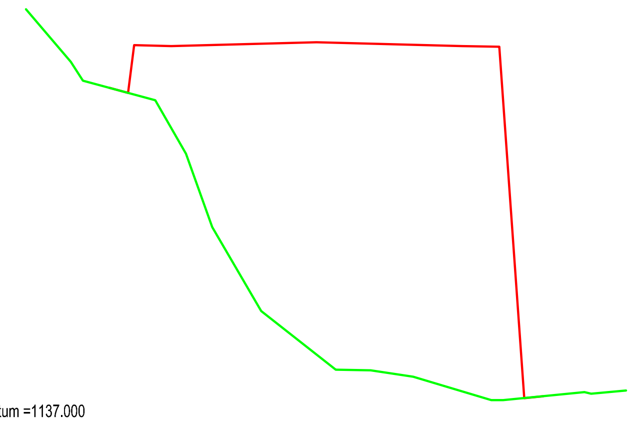
Chainage =64900.000



Level Datum =1133.000

Row	Values
Design Levels	1144.755, 1143.818, 1144.068, 1144.046, 1144.133, 1144.046, 1144.023, 1135.345, 1135.169
Design Offset	-5.000, -4.431, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.507
Design Width	0.569, 0.900, 3.500, 3.500, 0.900, 0.600, 0.507
Ex. Ground Levels	1144.813, 1139.568, 1139.451, 1139.128, 1135.347, 1135.362, 1135.394, 1135.338, 1135.348
Ex. Ground Offset	-5.035, -1.850, -1.576, -1.442, 1.950, 3.396, 3.916, 4.579, 5.216

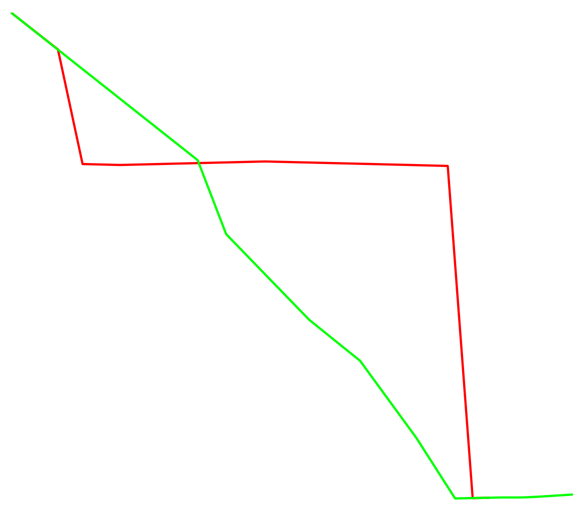
Chainage =64950.000



Level Datum =1137.000

Row	Values
Design Levels	1145.493, 1145.371, 1146.524, 1146.501, 1146.589, 1146.501, 1146.479, 1138.030, 1138.074
Design Offset	-5.000, -4.544, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.451
Design Width	0.456, 0.900, 3.500, 3.500, 0.900, 0.600, 0.451
Ex. Ground Levels	1146.122, 1145.663, 1145.194, 1143.911, 1142.140, 1140.123, 1138.716, 1138.699, 1138.548, 1137.985, 1137.979, 1138.174, 1138.140
Ex. Ground Offset	-5.925, -5.631, -3.884, -3.147, -2.513, -1.338, 0.456, 1.300, 2.327, 4.202, 4.493, 6.450, 6.613

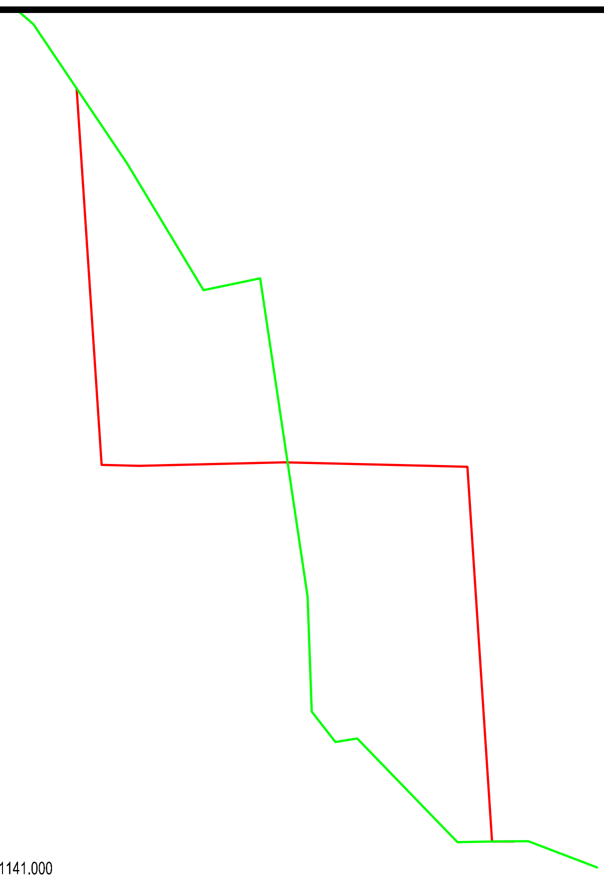
Chainage =65000.000



Level Datum =1140.000

Row	Values
Design Levels	1152.763, 1151.742, 1148.979, 1148.957, 1149.044, 1148.957, 1148.934, 1140.937, 1140.944
Design Offset	-6.292, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.399
Design Width	1.292, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.399
Ex. Ground Levels	1152.910, 1149.076, 1147.293, 1146.045, 1145.232, 1144.245, 1142.387, 1140.931, 1140.949, 1140.952, 1140.965
Ex. Ground Offset	-6.477, -1.628, -0.941, 0.269, 1.061, 2.288, 3.646, 4.576, 5.727, 6.187, 6.540

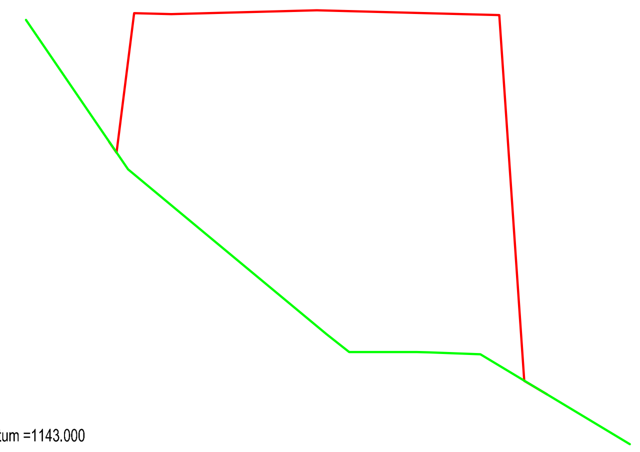
Chainage =65050.000



Level Datum =1141.000

Row	Values
Design Levels	1160.501, 1151.435, 1151.413, 1151.500, 1151.413, 1151.390, 1142.364, 1142.367
Design Offset	-5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.528
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.528
Ex. Ground Levels	1162.044, 1158.707, 1155.643, 1155.926, 1148.268, 1145.490, 1144.762, 1144.849, 1142.347, 1142.364, 1142.369
Ex. Ground Offset	-6.037, -3.794, -1.944, -0.581, 0.560, 0.657, 1.229, 1.753, 4.167, 4.962, 5.866

Chainage =65100.000



Level Datum =1143.000

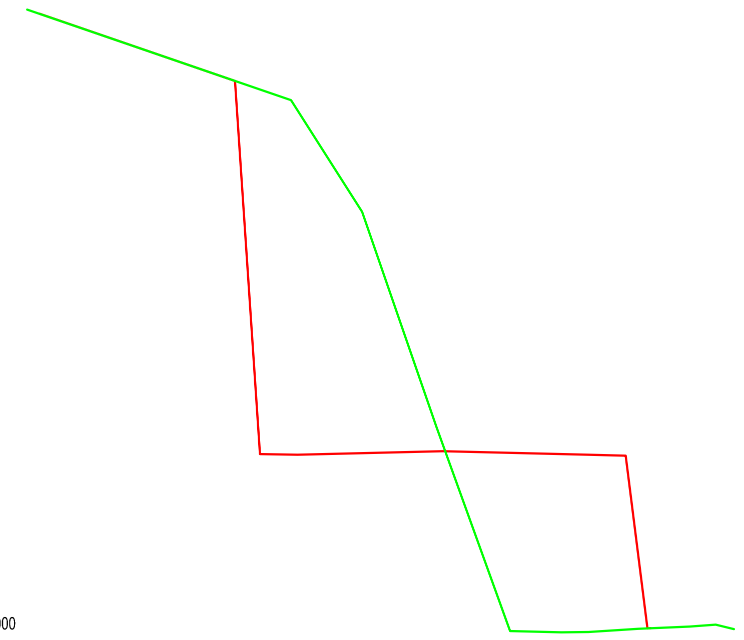
Row	Values
Design Levels	1150.795, 1150.531, 1153.891, 1153.868, 1153.956, 1153.868, 1153.846, 1145.038, 1144.711
Design Offset	-5.000, -4.820, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.542
Design Width	0.180, 0.900, 3.500, 3.500, 0.900, 0.600, 0.542
Ex. Ground Levels	1150.127, 1148.569, 1146.163, 1145.727, 1145.726, 1145.720, 1145.677
Ex. Ground Offset	-4.545, -2.672, 0.236, 0.781, 2.407, 2.705, 3.940

Chainage =65150.000

Level Datum =1149.000

Row	Values
Design Levels	1156.968, 1156.434, 1156.346, 1156.324, 1156.411, 1156.324, 1156.301, 1149.866, 1149.782
Design Offset	-5.000, -4.444, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.215
Design Width	0.556, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1159.252, 1157.090, 1154.787, 1154.032, 1153.221, 1152.051, 1151.163, 1150.710, 1150.714, 1149.778, 1149.801, 1149.790
Ex. Ground Offset	-6.160, -5.127, -2.729, -1.772, -0.764, 0.517, 1.475, 2.149, 2.829, 5.226, 5.729, 6.796

Chainage =65200.000



Level Datum =1154.000

Row	Values
Design Levels	1169.403, 1167.784, 1158.802, 1158.779, 1158.867, 1158.779, 1158.757, 1154.601, 1154.604
Design Offset	-9.700, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.920, 5.000
Design Width	4.700, 0.600, 0.900, 3.500, 3.500, 0.900, 0.520
Ex. Ground Levels	1169.506, 1167.321, 1164.631, 1159.455, 1154.535, 1154.502, 1154.517, 1154.591, 1154.643, 1154.693
Ex. Ground Offset	-10.000, -3.657, -1.943, -0.155, 1.620, 2.852, 3.503, 4.699, 5.940, 6.567

Chainage =65250.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 80			Sheet : 80 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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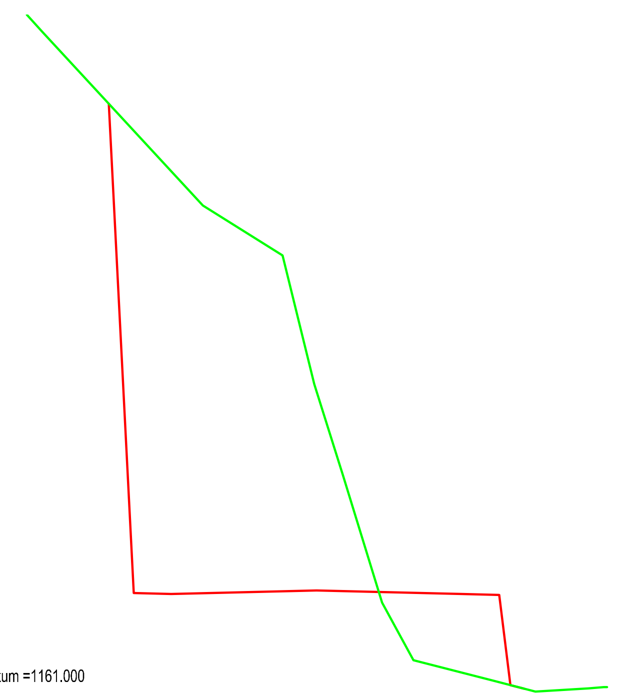
PH:0120-2400144

Level Datum =1155.000

Design Levels	1170.745	1161.258	1161.235	1161.323	1161.235	1161.213	1156.924	1156.891	
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.936	5.000	
Design Width	0.600	0.900	3.500	3.500	0.900	0.536			
Ex. Ground Levels	1173.927	1172.520	1168.099	1157.982	1157.853	1157.982	1157.765	1157.609	1156.621
Ex. Ground Offset	-6.025	-5.487	-4.274	-0.136	0.113	1.832	2.088	3.620	5.518

Chainage =65300.000

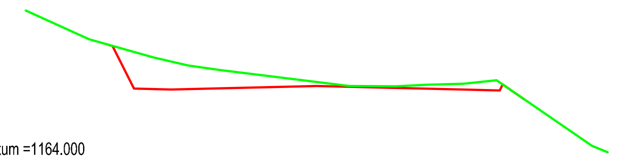
Level Datum =1161.000



Design Levels	1175.502	1163.713	1163.691	1163.778	1163.691	1163.668	1161.496	1161.410			
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.672	5.000			
Design Width	0.600	0.900	3.500	3.500	0.900	0.272					
Ex. Ground Levels	1177.236	1173.050	1171.850	1168.752	1166.545	1163.485	1162.100	1161.609	1161.339	1161.417	1161.446
Ex. Ground Offset	-6.602	-2.735	-0.815	-0.054	0.640	1.580	2.334	4.235	5.273	6.549	6.922

Chainage =65350.000

Level Datum =1164.000



Design Levels	1167.222	1167.198	1166.169	1166.146	1166.234	1166.146	1166.124	1166.271	1165.909	
Design Offset	-5.000	-4.915	-4.400	-3.500	0.000	3.500	4.400	4.473	5.000	
Design Width	0.085	0.900	3.500	3.500	0.900	0.073				
Ex. Ground Levels	1167.358	1166.916	1166.728	1166.621	1166.235	1166.229	1166.266	1166.287	1166.370	1164.794
Ex. Ground Offset	-5.475	-3.922	-3.087	-2.334	0.784	1.908	2.650	3.522	4.329	6.623

Chainage =65400.000

Level Datum =1168.000

Design Levels	1181.209	1168.625	1168.602	1168.690	1168.602	1168.580	1169.152	1169.158				
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	4.686	5.000				
Design Width	0.600	0.900	3.500	3.500	0.900	0.286						
Ex. Ground Levels	1181.144	1172.678	1173.340	1173.723	1173.761	1173.693	1169.581	1169.594	1169.623	1169.136	1169.168	1168.531
Ex. Ground Offset	-4.929	-3.190	-3.017	-2.751	-2.499	-2.152	0.788	1.453	2.643	3.904	5.545	6.558

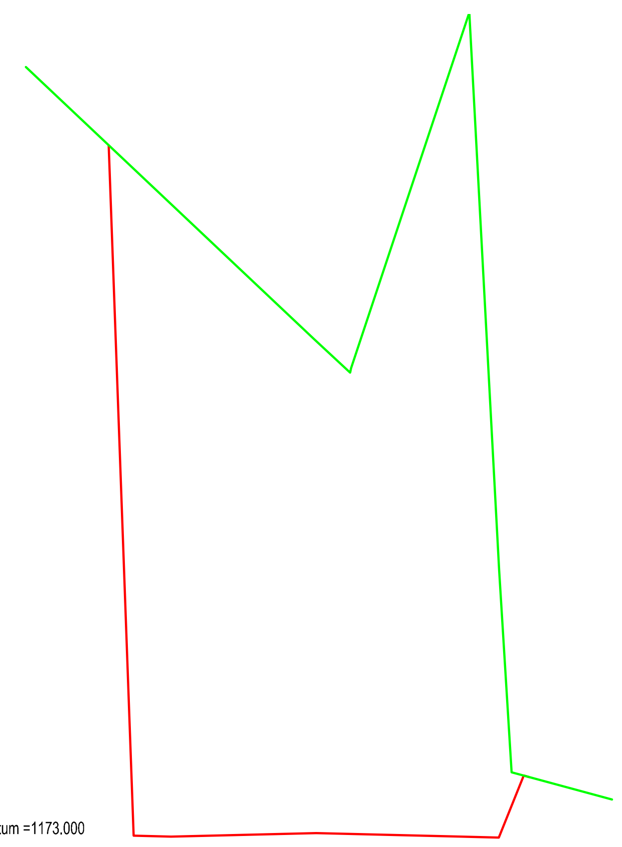
Chainage =65450.000

Level Datum =1171.000

Design Levels	1188.171	1171.080	1171.058	1171.145	1171.058	1171.035	1172.027	1171.953			
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.896	5.000			
Design Width	0.600	0.900	3.500	3.500	0.900	0.496					
Ex. Ground Levels	1187.654	1184.584	1180.577	1177.920	1172.900	1173.410	1173.323	1173.203	1172.386	1172.205	1171.920
Ex. Ground Offset	-4.395	-3.233	-0.381	0.425	1.150	1.486	2.419	3.625	4.168	4.648	5.047

Chainage =65500.000

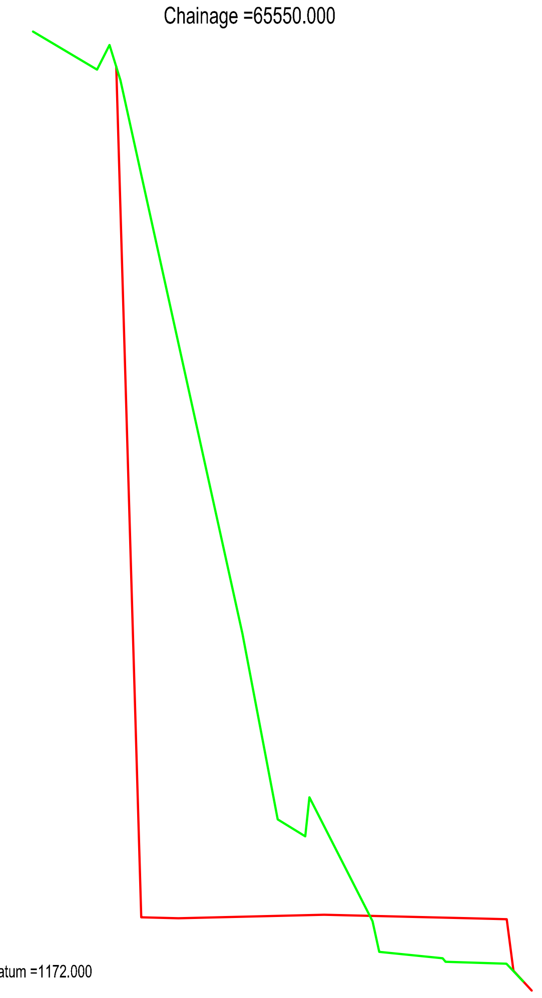
Level Datum =1173.000



Design Levels	1190.164	1173.536	1173.513	1173.601	1173.513	1173.491	1174.986	1174.951
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.150
Design Width	0.600	0.900	3.500	3.500	0.900	0.600		
Ex. Ground Levels	1185.490	1184.691	1184.798	1193.381	1179.936	1175.066		
Ex. Ground Offset	-0.043	0.816	0.843	3.691	4.409	4.705		

Chainage =65550.000

Level Datum =1172.000



Design Levels	1196.481	1175.992	1175.969	1176.057	1175.969	1175.947	1174.705	1174.233						
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.555	5.000						
Design Width	0.600	0.900	3.500	3.500	0.900	0.155								
Ex. Ground Levels	1196.412	1197.000	1196.152	1182.823	1178.353	1177.947	1178.888	1175.906	1175.160	1175.009	1174.923	1174.877	1174.872	1174.385
Ex. Ground Offset	-5.463	-5.162	-4.897	-1.958	-1.111	-0.448	-0.349	1.166	1.329	2.857	2.924	4.388	4.398	4.856

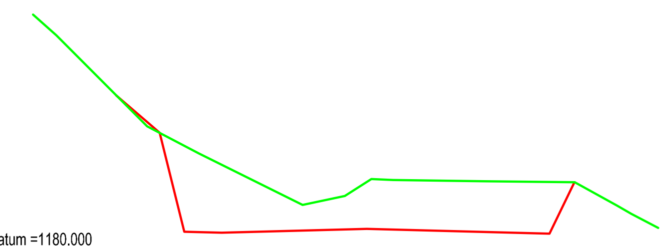
Chainage =65600.000

Level Datum =1178.000

Design Levels	1189.572	1178.447	1178.425	1178.512	1178.425	1178.402	1180.230	1180.191
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.294
Design Width	0.600	0.900	3.500	3.500	0.900	0.600		
Ex. Ground Levels	1188.233	1185.930	1183.400	1181.692	1181.532	1180.184	1180.218	1180.247
Ex. Ground Offset	-3.296	-1.095	0.709	1.723	2.178	5.100	6.052	6.692

Chainage =65650.000

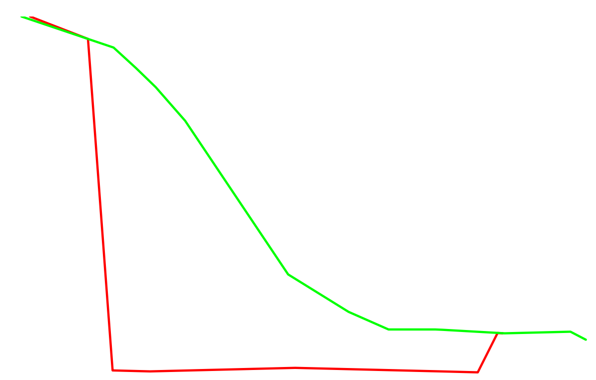
Level Datum =1180.000



Design Levels	1184.196	1183.290	1180.903	1180.880	1180.968	1180.880	1180.858	1182.092	1182.087			
Design Offset	-6.046	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.015			
Design Width	1.046	0.600	0.900	3.500	3.500	0.900	0.600					
Ex. Ground Levels	1185.640	1183.447	1182.793	1181.549	1181.710	1181.765	1182.173	1182.153	1182.117	1182.092	1181.530	1181.329
Ex. Ground Offset	-7.485	-5.301	-4.048	-1.555	-0.790	-0.534	0.105	0.629	2.858	5.006	6.023	6.370

Chainage =65700.000

Level Datum =1183.000



Design Levels	1192.991	1191.342	1183.359	1183.336	1183.424	1183.336	1183.314	1184.264	1184.257				
Design Offset	-9.216	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.875	5.000				
Design Width	4.216	0.600	0.900	3.500	3.500	0.900	0.475						
Ex. Ground Levels	1193.545	1192.580	1191.133	1190.639	1190.179	1189.368	1185.669	1184.770	1184.347	1184.347	1184.339	1184.255	1184.289
Ex. Ground Offset	-10.000	-8.636	-4.383	-3.844	-3.364	-2.655	-0.175	1.287	2.243	3.369	3.550	5.044	6.629

Chainage =65750.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 81			Sheet : 81 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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M/S Agnitio Infraprojects Pvt. Ltd.
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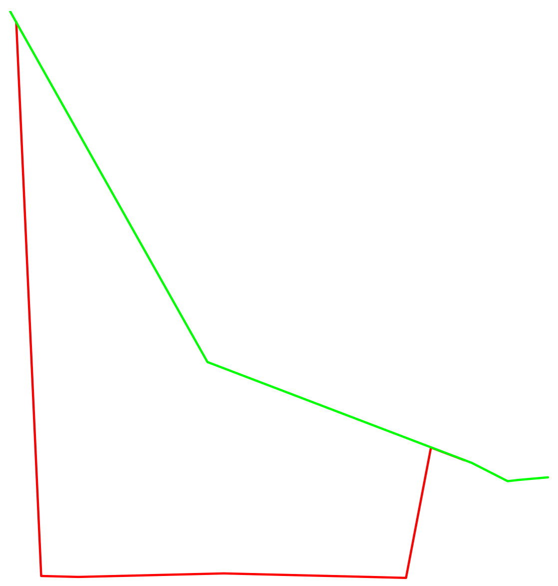
PH:0120-2400144

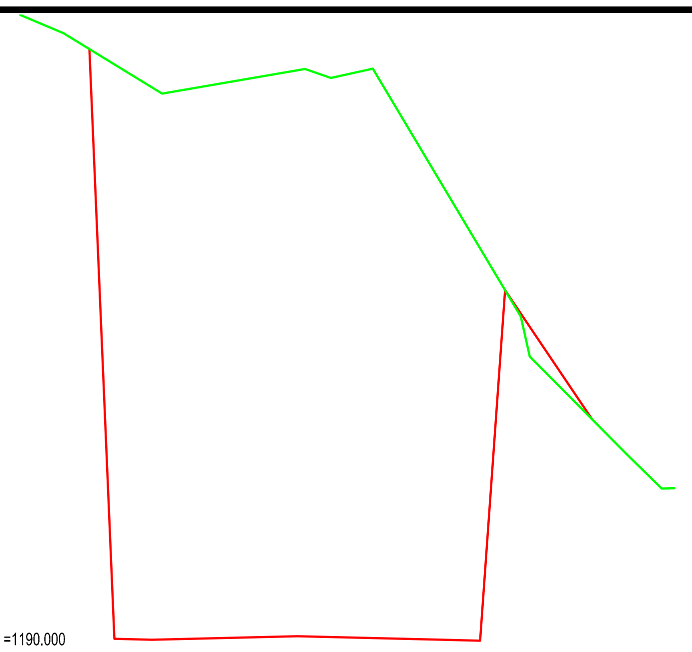
Level Datum =1185.000



Design Levels	1199.149, 1185.814, 1185.792, 1185.879, 1185.792, 1185.769, 1188.908, 1188.598
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.814
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.814
Ex. Ground Levels	1199.057, 1190.962, 1188.532, 1188.095, 1188.124
Ex. Ground Offset	−4.949, −0.390, 5.987, 6.845, 7.120

Chainage =65800.000

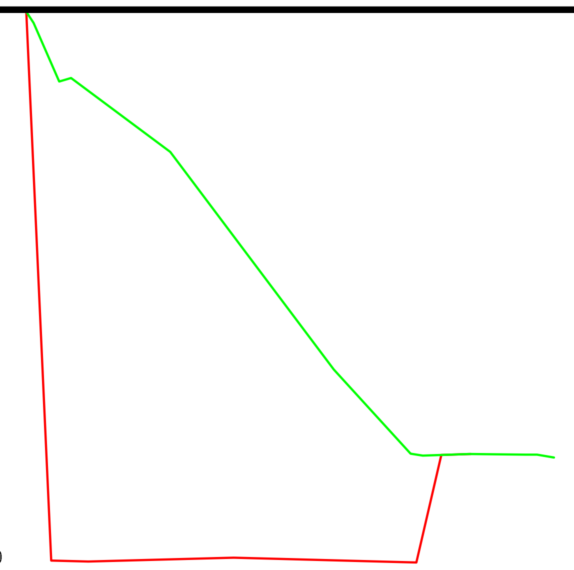
Level Datum =1190.000



Design Levels	1204.941, 1190.726, 1190.703, 1190.791, 1190.703, 1190.681, 1199.131, 1196.036
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 7.078
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.078
Ex. Ground Levels	1205.328, 1203.871, 1204.465, 1204.245, 1204.469, 1198.501, 1197.531, 1195.178, 1194.355
Ex. Ground Offset	−5.630, −3.255, 0.183, 0.804, 1.820, 5.375, 5.592, 7.931, 8.766

Chainage =65900.000

Level Datum =1195.000



Design Levels	1208.867, 1195.637, 1195.614, 1195.702, 1195.614, 1195.592, 1198.179, 1198.204
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.706
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.706
Ex. Ground Levels	1209.786, 1208.587, 1207.170, 1207.261, 1205.476, 1200.239, 1198.213, 1198.161, 1198.205, 1198.190, 1198.187
Ex. Ground Offset	−5.600, −4.818, −4.206, −3.917, −1.528, 2.404, 4.255, 4.554, 5.665, 7.021, 7.303

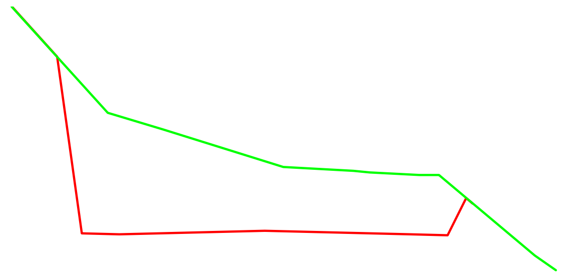
Chainage =66000.000

Level Datum =1202.000

Design Levels	1215.646, 1203.004, 1202.981, 1203.069, 1202.981, 1202.959, 1204.528, 1204.535
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.188
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1212.790, 1212.242, 1210.620, 1208.339, 1204.494, 1204.500, 1204.494, 1204.543, 1204.549, 1203.611
Ex. Ground Offset	−2.692, −2.285, −1.404, 0.018, 2.026, 2.367, 4.061, 5.398, 5.703, 7.049

Chainage =66150.000

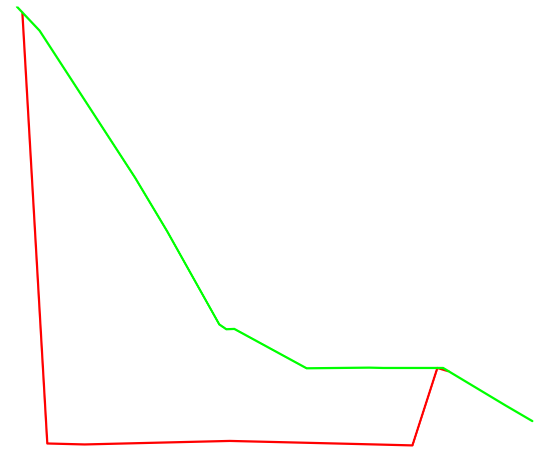
Level Datum =1197.000



Design Levels	1206.155, 1202.341, 1198.093, 1198.070, 1198.158, 1198.070, 1198.048, 1198.942, 1198.814
Design Offset	−8.431, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.847, 5.000
Design Width	3.431, 0.600, 0.900, 3.500, 3.500, 0.900, 0.447
Ex. Ground Levels	1207.290, 1207.051, 1206.326, 1203.386, 1200.990, 1200.594, 1199.693, 1199.596, 1199.559, 1199.501, 1199.498, 1197.563
Ex. Ground Offset	−10.050, −9.670, −8.585, −5.945, −3.779, −2.446, 0.442, 2.132, 2.528, 3.722, 4.185, 6.491

Chainage =66050.000

Level Datum =1205.000



Design Levels	1215.843, 1205.459, 1205.437, 1205.524, 1205.437, 1205.414, 1207.281, 1207.192
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.289
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1216.454, 1215.404, 1211.859, 1210.569, 1208.325, 1208.216, 1207.271, 1207.285, 1207.276, 1207.282, 1206.376
Ex. Ground Offset	−5.583, −4.582, −2.279, −1.510, −0.257, 0.107, 1.853, 3.359, 3.697, 5.139, 6.646

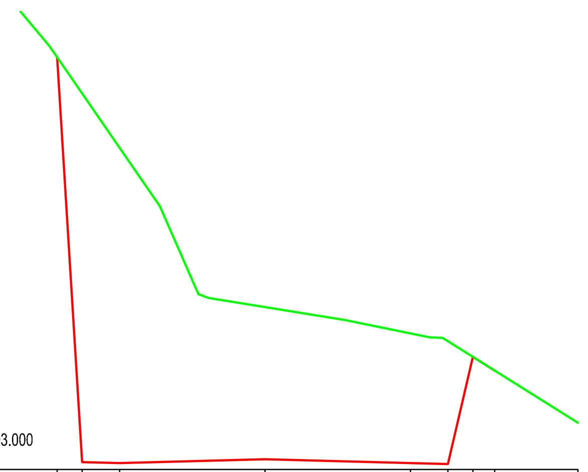
Chainage =66200.000

Level Datum =1188.000

Design Levels	1200.895, 1188.270, 1188.247, 1188.335, 1188.247, 1188.225, 1192.048, 1191.642
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 6.109
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.109
Ex. Ground Levels	1201.968, 1200.069, 1197.893, 1192.085, 1191.999, 1192.062, 1192.033, 1192.080, 1192.115
Ex. Ground Offset	−5.970, −4.252, −2.820, 1.140, 1.181, 2.752, 2.861, 4.581, 4.818

Chainage =65850.000

Level Datum =1193.000



Design Levels	1202.929, 1193.181, 1193.159, 1193.246, 1193.159, 1193.136, 1195.717, 1195.387
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.525
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.525
Ex. Ground Levels	1205.284, 1203.202, 1202.820, 1199.326, 1199.324, 1197.222, 1197.136, 1196.603, 1196.184, 1196.173
Ex. Ground Offset	−6.912, −5.189, −4.924, −2.523, −2.521, −1.604, −1.556, 1.926, 3.956, 4.275

Chainage =65950.000

Level Datum =1200.000

Design Levels	1211.903, 1200.548, 1200.526, 1200.613, 1200.526, 1200.503, 1202.283, 1202.270
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.284
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1213.549, 1212.185, 1211.064, 1208.597, 1205.987, 1203.850, 1203.694, 1202.416, 1202.363, 1202.320, 1202.265, 1202.241
Ex. Ground Offset	−6.092, −5.396, −3.824, −2.129, −1.147, −0.348, −0.076, 2.571, 3.441, 4.185, 5.402, 5.944

Chainage =66100.000

Level Datum =1207.000

Design Levels	1219.263, 1207.915, 1207.893, 1207.980, 1207.893, 1207.870, 1209.587, 1209.475
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.201
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1220.281, 1214.201, 1211.914, 1211.816, 1211.861, 1209.646, 1209.586
Ex. Ground Offset	−5.639, −1.826, −0.714, −0.270, 0.209, 3.768, 5.031

Chainage =66250.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 82			Sheet : 82 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:
Technocrats Advisory Services Pvt. Ltd.
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M/S Agnitio Infraprojects Pvt. Ltd.
R.n. 73, Kapil Muni House, Sector - 62
Noida, U.P - 201301 . Email - agnitiodelhi@gmail.com
PH:0120-2400144

Level Datum =1210.000

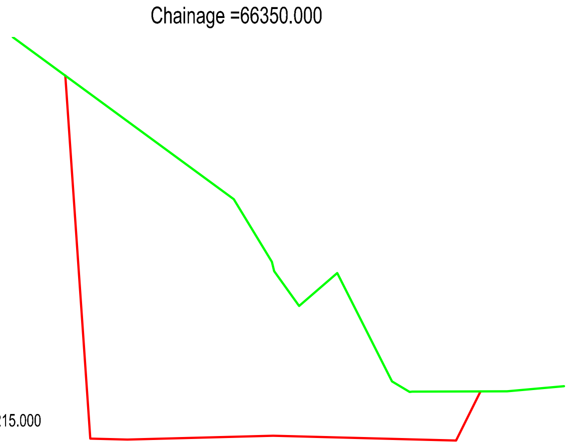
Design Levels	1224.939 1210.371 1210.348 1210.436 1210.348 1210.326 1212.875 1212.849
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.662
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.662
Ex. Ground Levels	1227.099 1223.188 1220.614 1218.073 1215.083 1214.883 1212.851 1212.848 1212.874 1212.873 1212.812
Ex. Ground Offset	−6.459 −3.814 −2.329 −1.593 0.676 0.773 3.037 3.042 4.946 5.162 6.448

Chainage =66300.000

Level Datum =1212.000

Design Levels	1222.307 1212.826 1212.804 1212.891 1212.804 1212.781 1215.028 1214.824
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.421
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.421
Ex. Ground Levels	1224.956 1224.503 1224.195 1221.045 1220.946 1218.439 1215.660 1215.616 1215.401 1215.398 1215.303 1215.303 1214.730
Ex. Ground Offset	−6.789 −5.601 −5.358 −4.769 −4.646 −2.108 0.712 2.146 2.522 2.607 4.377 4.432 5.616

Chainage =66350.000



Level Datum =1215.000

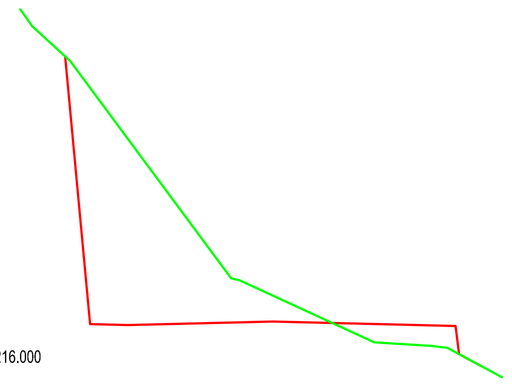
Design Levels	1224.038 1215.282 1215.260 1215.347 1215.260 1215.237 1216.417 1216.417
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 4.990 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.590
Ex. Ground Levels	1221.055 1219.544 1219.319 1218.481 1219.273 1216.659 1216.409 1216.410 1216.420
Ex. Ground Offset	−0.943 −0.025 0.030 0.624 1.544 2.864 3.287 3.350 5.630

Chainage =66400.000

Level Datum =1215.000

Design Levels	1225.974 1217.449 1217.427 1217.514 1217.427 1217.404 1217.217 1217.195
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 4.423 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.023
Ex. Ground Levels	[illegible] [illegible] 1225.349 1226.402 1223.157 1222.611 1218.640 1217.496 1217.277 1217.231 1217.181 1216.654
Ex. Ground Offset	[illegible] [illegible] −4.425 −4.372 −2.690 −2.227 0.369 1.518 2.192 4.067 5.360 5.869

Chainage =66450.000



Level Datum =1216.000

Design Levels	1225.262 1218.813 1218.790 1218.878 1218.790 1218.768 1218.091 1217.814
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 4.485 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.085
Ex. Ground Levels	1225.990 1225.147 1220.248 1219.866 1218.373 1218.286 1218.245
Ex. Ground Offset	−5.792 −4.876 −1.252 −0.801 2.443 3.810 4.196

Chainage =66500.000

Level Datum =1219.000

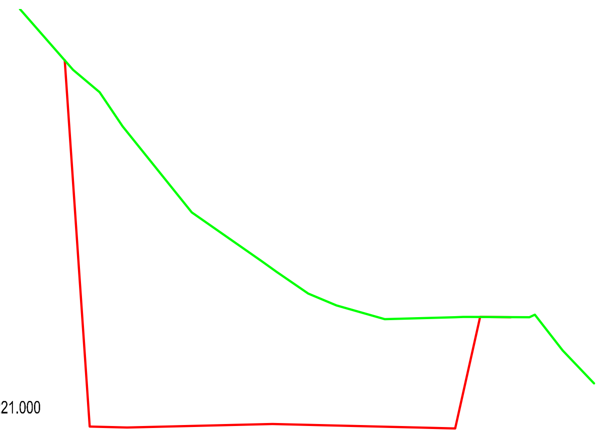
Design Levels	1228.778 1219.635 1219.612 1219.700 1219.612 1219.590 1220.370 1220.273
Design Offset	−5.000 −4.400 −3.500 0.000 3.500 4.400 4.790 5.000
Design Width	0.600 0.900 3.500 3.500 0.900 0.390
Ex. Ground Levels	1230.060 1229.715 1229.294 1225.577 1225.594 1221.081 1220.559 1220.575
Ex. Ground Offset	−6.114 −5.820 −5.561 −1.521 −1.487 2.153 3.652 4.346

Chainage =66550.000

Level Datum =1220.000

Design Levels	1225.777 1220.444 1220.421 1220.509 1220.421 1220.399 1221.692 1221.698
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.049
Design Width	0.600 0.900 3.500 3.500 0.900 0.600
Ex. Ground Levels	1228.765 1225.957 1225.145 1222.814 [illegible] 1223.885 1221.783 1221.746 1221.670 1221.668 1221.566 1221.656 1221.848
Ex. Ground Offset	−6.517 −5.208 −4.275 −3.381 −3.323 −3.293 0.238 0.579 2.214 2.378 4.374 4.716 6.256

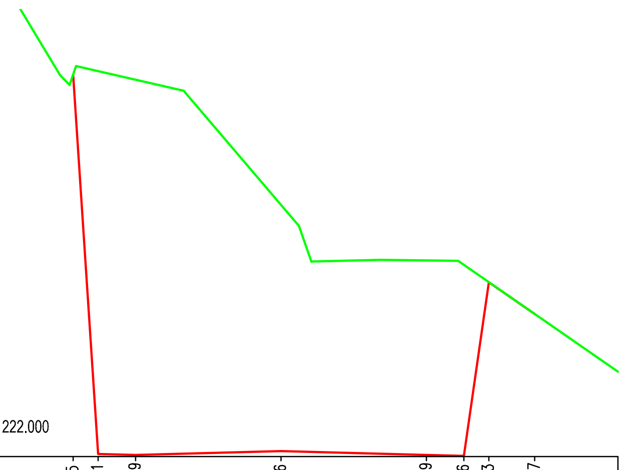
Chainage =66600.000



Level Datum =1221.000

Design Levels	1230.089 1221.252 1221.230 1221.317 1221.230 1221.207 1223.897 1223.895
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.744
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 0.744
Ex. Ground Levels	1232.053 1229.855 1229.315 1228.490 1226.418 1225.244 1224.989 1224.463 1224.177 1223.843 1223.893 1223.898 1223.893 1223.952 1223.091
Ex. Ground Offset	−6.703 −4.797 −4.158 −3.605 −1.940 −0.252 0.102 0.867 1.542 2.709 4.400 4.761 6.193 6.318 6.989

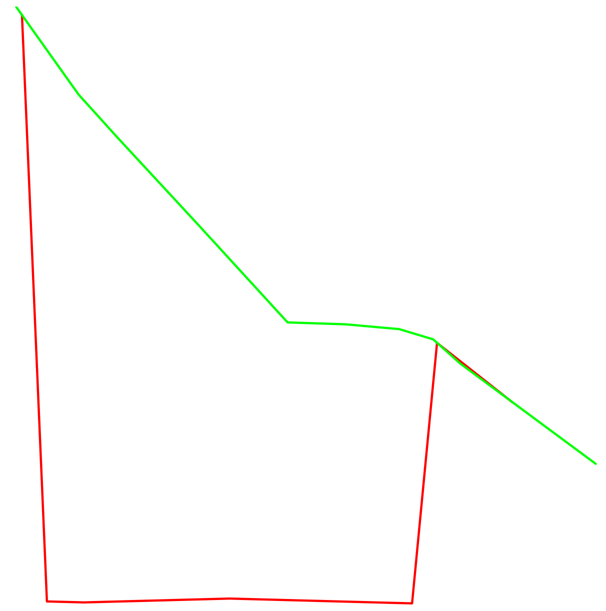
Chainage =66650.000



Level Datum =1222.000

Design Levels	1231.185 1222.061 1222.039 1222.126 1222.039 1222.016 1226.193 1225.427
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 6.105
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.105
Ex. Ground Levels	1233.758 1231.174 1231.388 1230.796 1227.544 1226.687 1226.730 1226.705 1226.704
Ex. Ground Offset	−6.858 −5.316 −4.930 −2.342 0.427 0.773 2.406 4.235 4.262

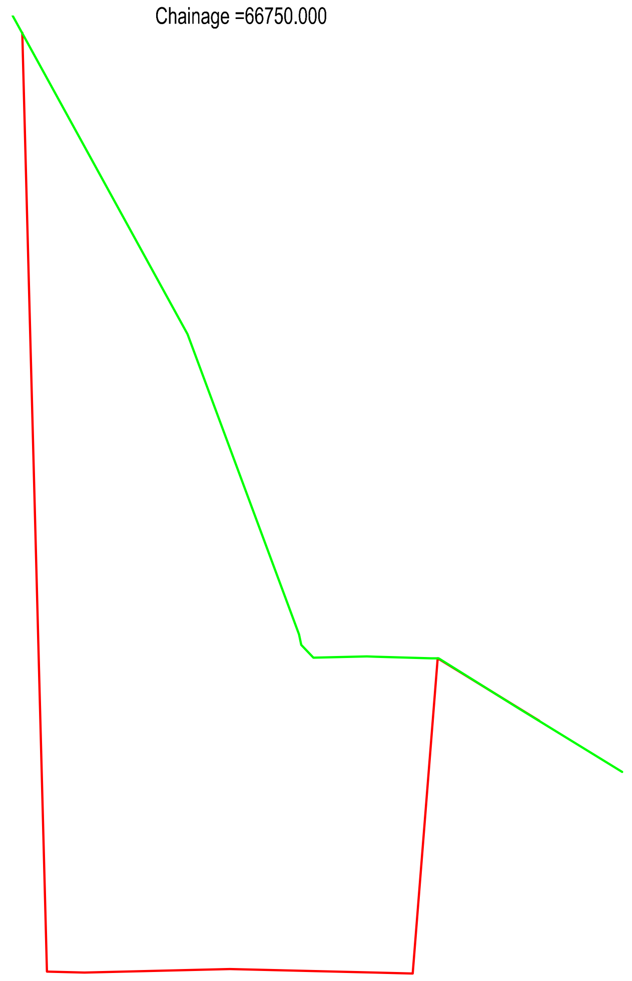
Chainage =66700.000



Level Datum =1222.000

Design Levels	1236.999 1222.870 1222.847 1222.935 1222.847 1222.825 1229.094 1227.661
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 6.818
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 1.818
Ex. Ground Levels	1235.077 1234.034 1231.952 1229.589 1229.548 1229.431 1229.178 1228.593
Ex. Ground Offset	−3.632 −2.684 −0.758 1.396 2.798 4.088 4.906 5.557

Chainage =66750.000



Level Datum =1223.000

Design Levels	1246.288 1223.679 1223.656 1223.744 1223.656 1223.634 1231.223 1229.718
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 7.442
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.442
Ex. Ground Levels	1249.261 1247.335 1239.031 1231.804 1231.241 1231.267 1231.265 1231.226 1231.222 1230.040
Ex. Ground Offset	−6.793 −5.574 −1.022 1.667 2.008 3.299 3.502 4.846 5.027 6.917

Chainage =66800.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 83
Sheet :	83 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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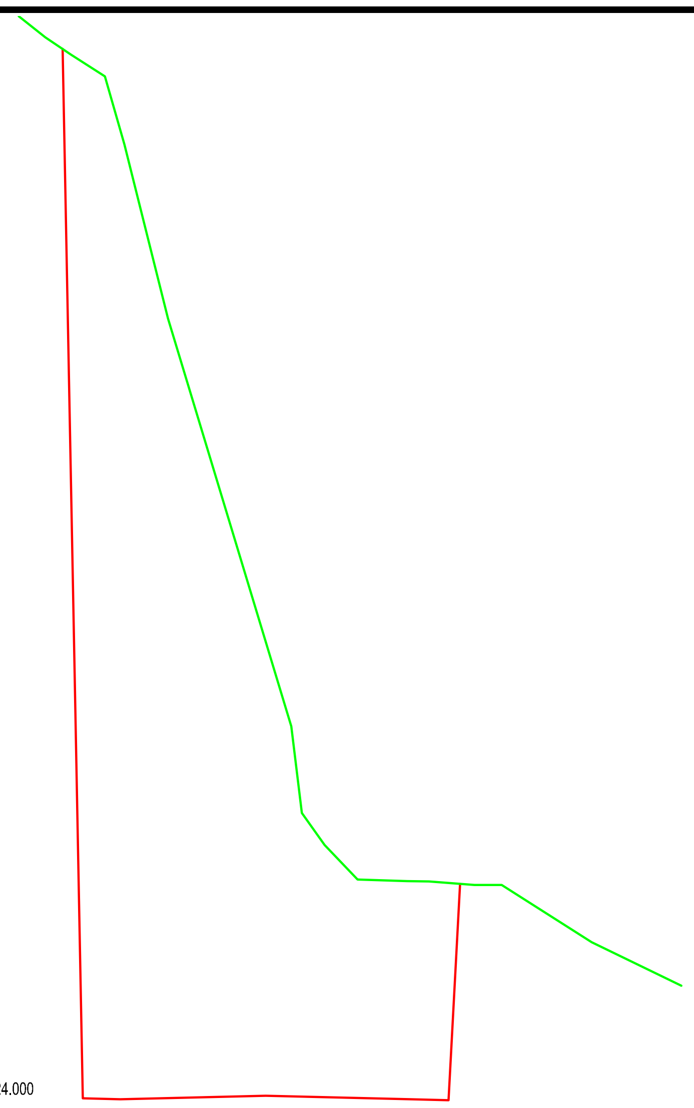
PH:0120-2400144



Level Datum =1224.000

Row	Values
Design Levels	1255.847, 1224.487, 1224.465, 1224.552, 1224.465, 1224.442, 1235.626, 1233.678
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 9.018
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.018
Ex. Ground Levels	1256.051, 1255.631, 1255.108, 1253.469, 1249.274, 1239.451, 1237.358, 1236.590, 1235.757, 1235.716, 1235.712, 1235.624, 1235.629, 1234.248, 1233.201
Ex. Ground Offset	−5.301, −4.681, −3.867, −3.401, −2.353, 0.619, 0.867, 1.416, 2.209, 3.403, 3.933, 5.024, 5.675, 7.844, 10.000

Chainage =66850.000

Level Datum =1225.000

Row	Values
Design Levels	1249.017, 1225.296, 1225.274, 1225.361, 1225.274, 1225.251, 1238.875, 1234.930
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 9.239
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.239
Ex. Ground Levels	1250.069, 1249.463, 1245.836, 1242.690, 1241.211, 1241.298, 1239.917, 1239.268, 1239.280, 1239.281, 1236.066, 1235.862, 1235.012, 1234.318
Ex. Ground Offset	−5.858, −5.346, −2.534, −0.697, −0.040, 0.536, 1.444, 2.814, 3.721, 4.564, 8.019, 8.234, 9.137, 10.000

Chainage =66900.000

Level Datum =1226.000

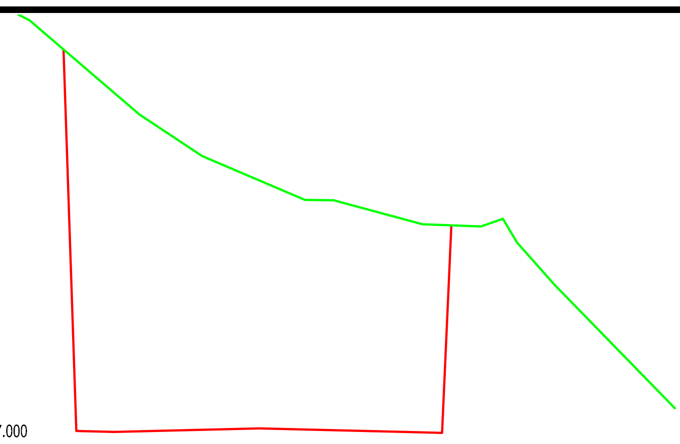
Row	Values
Design Levels	1249.263, 1226.105, 1226.082, 1226.170, 1226.082, 1226.060, 1240.103
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1251.454, 1250.266, 1248.816, 1244.460, 1244.191, 1242.243, 1241.828, 1240.523
Ex. Ground Offset	−6.450, −5.747, −4.667, −1.900, −1.703, −1.138, −0.099, 4.184

Chainage =66950.000

Level Datum =1226.000

Row	Values
Design Levels	1254.451, 1226.914, 1226.891, 1226.979, 1226.891, 1226.869, 1241.996, 1237.658
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 9.795
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.795
Ex. Ground Levels	1254.940, 1251.815, 1244.885, 1242.841, 1242.853, 1242.912, 1239.923, 1239.643, 1237.455
Ex. Ground Offset	−5.589, −1.828, 0.964, 1.933, 3.439, 4.211, 6.785, 7.786, 10.000

Chainage =67000.000



Level Datum =1227.000

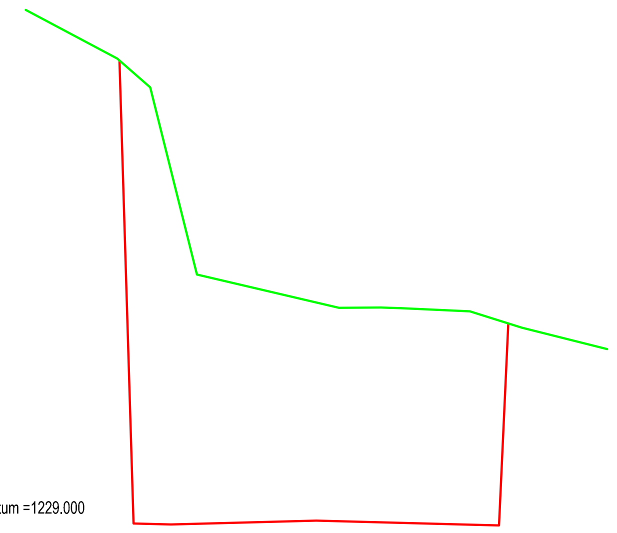
Row	Values
Design Levels	1245.460, 1227.722, 1227.700, 1227.787, 1227.700, 1227.677, 1240.959, 1237.356
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 9.239
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.239
Ex. Ground Levels	1246.458, 1245.920, 1243.647, 1242.648, 1241.586, 1241.579, 1241.000, 1240.946, 1241.133, 1240.560, 1239.549, 1236.575
Ex. Ground Offset	−6.575, −5.537, −2.883, −1.370, 1.098, 1.786, 3.930, 5.334, 5.865, 6.200, 7.103, 10.000

Chainage =67050.000

Level Datum =1228.000

Row	Values
Design Levels	1245.937, 1228.531, 1228.509, 1228.596, 1228.509, 1228.486, 1241.654, 1239.472
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 9.893
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.893
Ex. Ground Levels	1245.843, 1244.989, 1244.504, 1243.890, 1243.944, 1242.078, 1242.088, 1242.122, 1240.922, 1239.432
Ex. Ground Offset	−3.307, −1.793, −0.983, −0.716, −0.188, 2.313, 3.308, 4.310, 6.080, 10.000

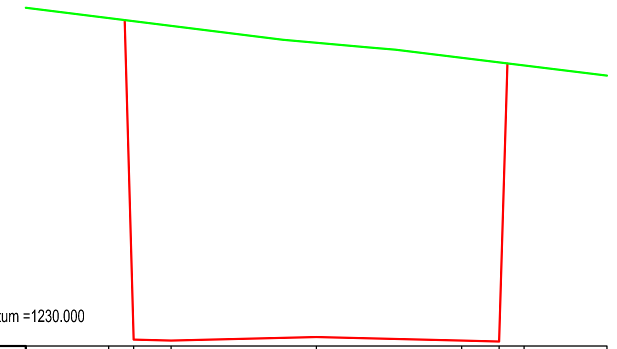
Chainage =67100.000



Level Datum =1229.000

Row	Values
Design Levels	1248.994, 1229.340, 1229.317, 1229.405, 1229.317, 1229.295, 1242.390
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1248.887, 1248.194, 1243.685, 1242.883, 1242.892, 1242.887, 1242.882, 1242.801, 1242.405
Ex. Ground Offset	−4.799, −4.001, −2.875, 0.546, 1.557, 1.755, 2.019, 3.697, 4.942

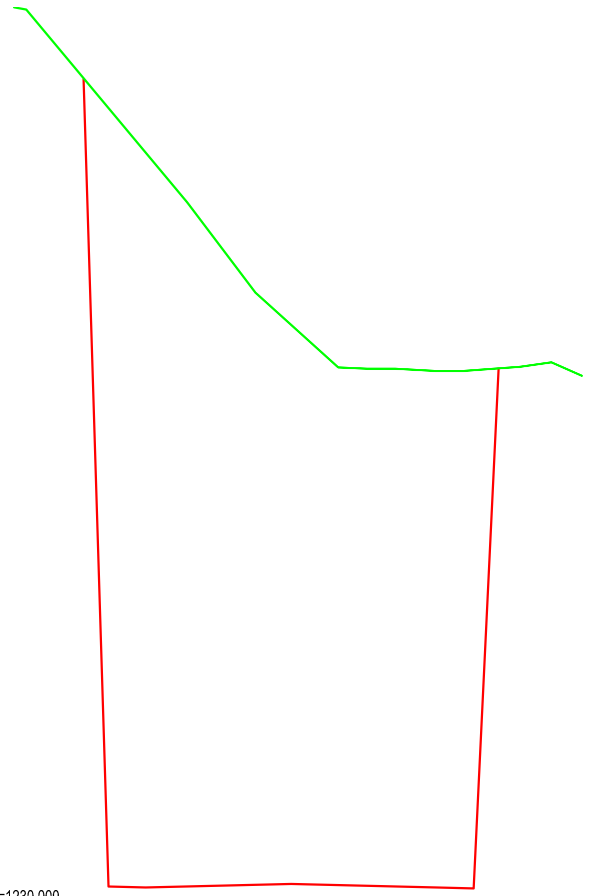
Chainage =67150.000



Level Datum =1230.000

Row	Values
Design Levels	1251.130, 1230.149, 1230.126, 1230.214, 1230.126, 1230.104, 1249.988
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1250.609, 1250.422, 1250.369
Ex. Ground Offset	−0.812, 1.264, 1.906

Chainage =67200.000



Level Datum =1230.000

Row	Values
Design Levels	1250.436, 1230.957, 1230.935, 1231.022, 1230.935, 1230.912, 1243.445
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1252.091, 1247.445, 1245.275, 1243.471, 1243.438, 1243.438, 1243.384, 1243.386, 1243.481, 1243.587
Ex. Ground Offset	−6.382, −2.504, −0.857, 1.139, 1.829, 2.505, 3.472, 4.150, 5.511, 6.272

Chainage =67250.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 84
Scale :-	NTS
Sheet :	84 of End
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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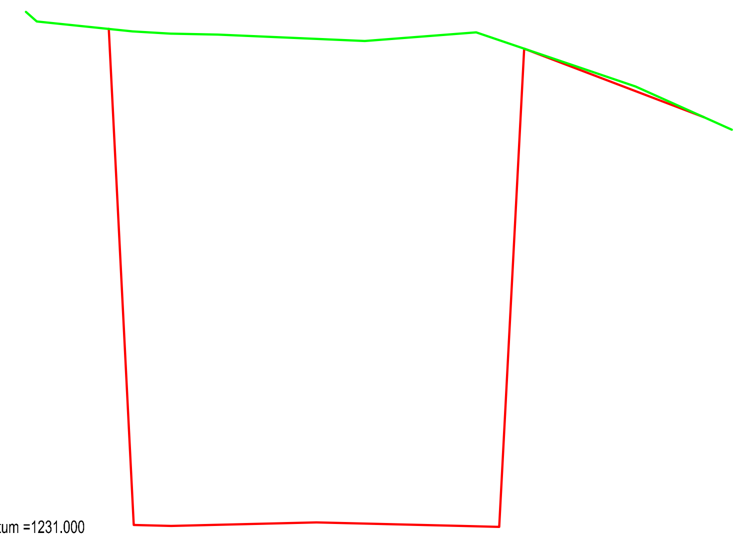
PH:0120-2400144



Level Datum =1231.000

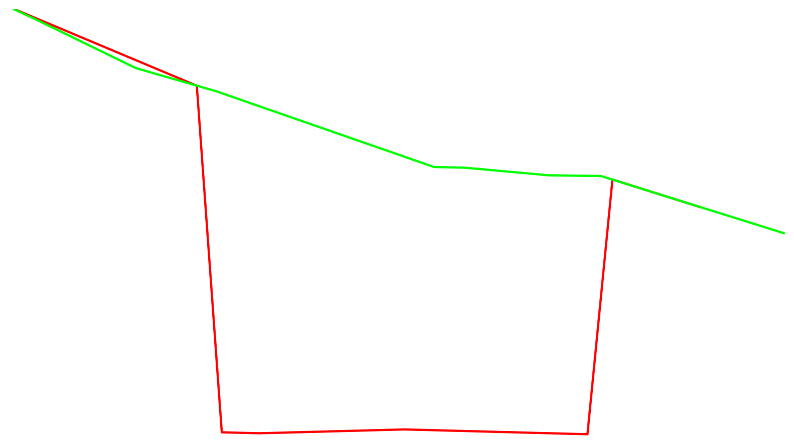
Design Levels	1243.704, 1231.766, 1231.744, 1231.831, 1231.744, 1231.721, 1243.230, 1241.579
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 9.329
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.329
Ex. Ground Levels	[illegible], 1243.646, 1243.590, 1243.570, 1243.413, 1243.623, 1242.315, 1241.279
Ex. Ground Offset	[illegible], −4.429, −3.518, −2.374, 1.159, 3.846, 7.680, 10.000

Chainage =67300.000

Level Datum =1233.000

Design Levels	1249.595, 1233.384, 1233.361, 1233.449, 1233.361, 1233.339, 1243.482, 1242.749
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 9.105
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 4.105
Ex. Ground Levels	1250.085, 1249.418, 1245.848, 1245.760, 1245.234, 1243.952, [illegible], 1243.878, 1243.401, 1243.367, 1243.283, 1242.495
Ex. Ground Offset	−5.668, −4.758, −2.969, −2.808, 0.289, 1.625, 2.019, 2.152, 5.587, 6.054, 7.221, 10.000

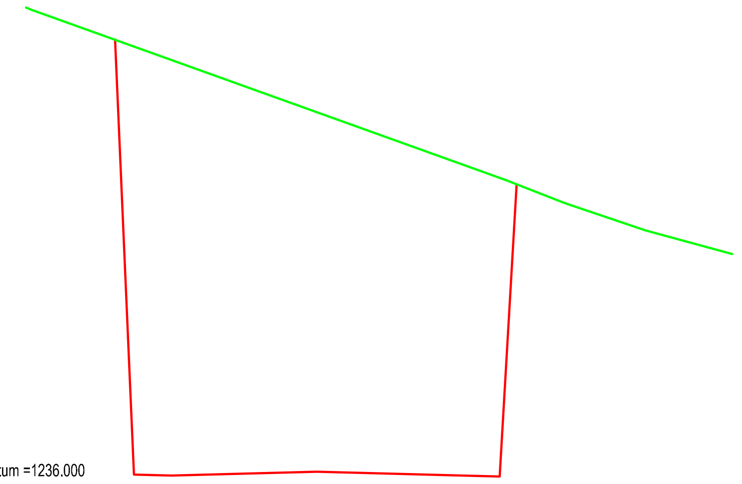
Chainage =67400.000



Level Datum =1234.000

Design Levels	1245.248, 1243.345, 1235.001, 1234.979, 1235.066, 1234.979, 1234.956, 1241.088, 1240.418
Design Offset	−9.524, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 7.131
Design Width	4.524, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.131
Ex. Ground Levels	1245.476, 1244.915, 1243.767, 1243.213, 1241.387, 1241.374, 1241.186, 1241.174
Ex. Ground Offset	−10.000, −8.824, −6.466, −4.543, 0.709, 1.431, 3.484, 4.728

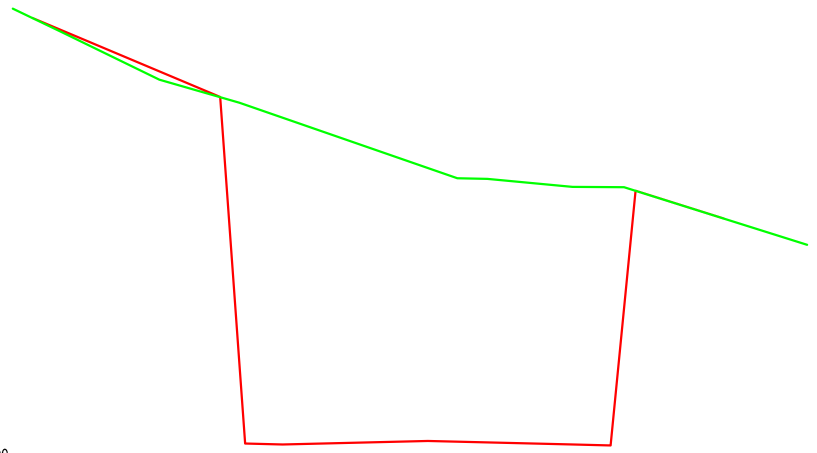
Chainage =67500.000



Level Datum =1236.000

Design Levels	1250.401, 1236.619, 1236.596, 1236.684, 1236.596, 1236.574, 1246.787, 1245.493
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 8.860
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.860
Ex. Ground Levels	[illegible], 1249.592, 1246.962, 1246.407, 1245.753, 1245.180
Ex. Ground Offset	[illegible], −2.752, 4.555, 5.973, 7.912, 10.000

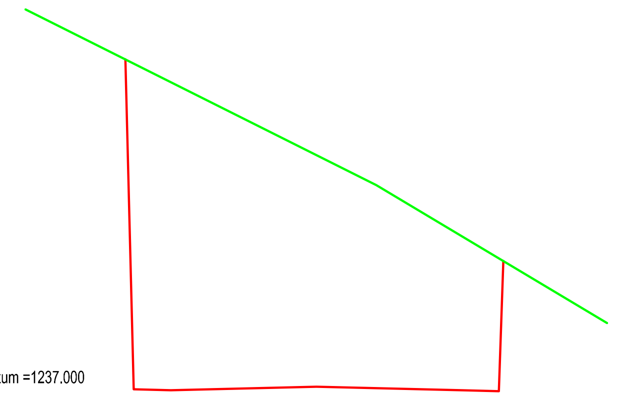
Chainage =67600.000



Level Datum =1234.000

Design Levels	1245.248, 1243.345, 1235.001, 1234.979, 1235.066, 1234.979, 1234.956, 1241.088, 1240.418
Design Offset	−9.524, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 7.131
Design Width	4.524, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 2.131
Ex. Ground Levels	1245.476, 1244.915, 1243.767, 1243.213, 1241.387, 1241.374, 1241.186, 1241.174
Ex. Ground Offset	−10.000, −8.824, −6.466, −4.543, 0.709, 1.431, 3.484, 4.728

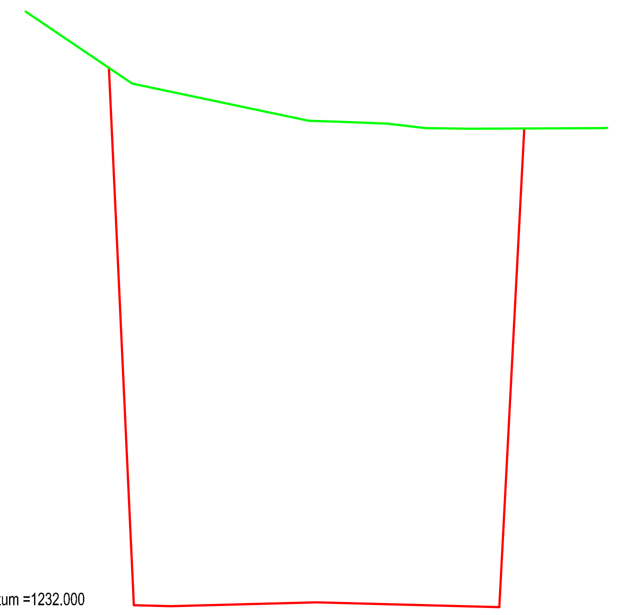
Chainage =67500.000



Level Datum =1237.000

Design Levels	1261.204, 1237.428, 1237.405, 1237.493, 1237.405, 1237.383, 1255.852
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1257.978
Ex. Ground Offset	1.444

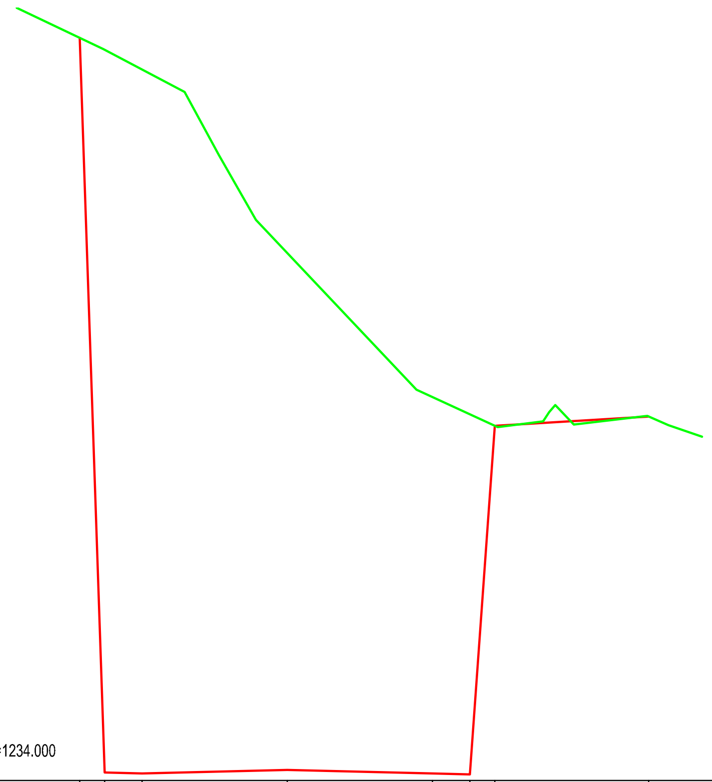
Chainage =67650.000



Level Datum =1232.000

Design Levels	1245.519, 1232.575, 1232.552, 1232.640, 1232.552, 1232.530, 1244.059
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1245.138, 1244.758, 1244.242, 1244.210, 1244.174, 1244.068, 1244.053, 1244.067
Ex. Ground Offset	−4.438, −2.641, −0.191, 0.714, 1.698, 2.624, 3.707, 6.940

Chainage =67350.000



Level Datum =1234.000

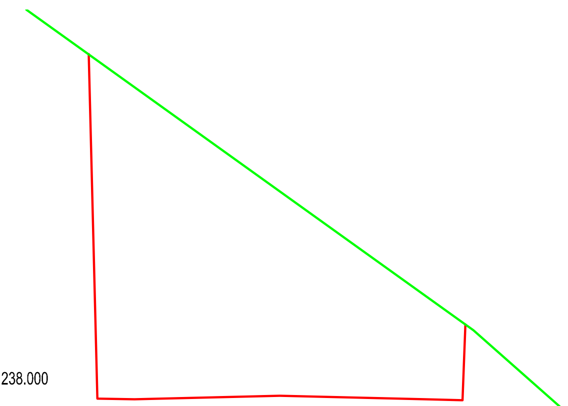
Design Levels	1251.900, 1234.193, 1234.170, 1234.258, 1234.170, 1234.148, 1242.548, 1242.773
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 8.713
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 3.713
Ex. Ground Levels	1251.628, 1250.594, 1249.075, 1247.509, 1243.416, 1242.517, 1242.655, 1243.047, 1242.577, 1242.781, 1242.787, 1242.566, 1242.282
Ex. Ground Offset	−4.429, −2.477, −1.647, −0.755, 3.112, 5.068, 6.163, 6.458, 6.907, 8.598, 8.682, 9.189, 10.000

Chainage =67450.000

Level Datum =1235.000

Design Levels	1245.593, 1243.390, 1235.810, 1235.788, 1235.875, 1235.788, 1235.765, 1240.479, 1240.281
Design Offset	−9.291, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 6.658
Design Width	4.291, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.658
Ex. Ground Levels	1245.880, 1244.733, 1240.996, 1240.753, 1240.766, 1240.759, 1240.817, 1240.784, 1240.767, 1240.317
Ex. Ground Offset	−10.000, −7.170, −1.130, −0.724, −0.332, 0.897, 0.945, 2.262, 2.277, 6.524

Chainage =67550.000



Level Datum =1238.000

Design Levels	1262.497, 1238.236, 1238.214, 1238.301, 1238.214, 1238.191, 1255.254
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Ex. Ground Levels	1255.555
Ex. Ground Offset	4.660

Chainage =67700.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section		
Chainage :-		
Drawing No. :- AIPPL/BRO/DPR/CS/ 85		Sheet : 85 of End
Scale :- NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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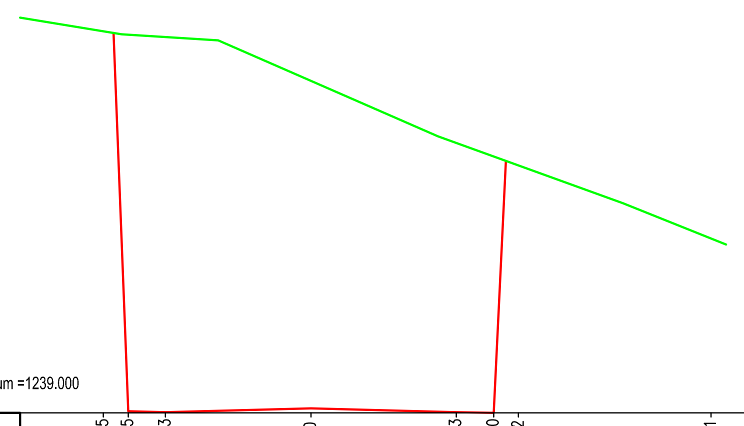
PH:0120-2400144

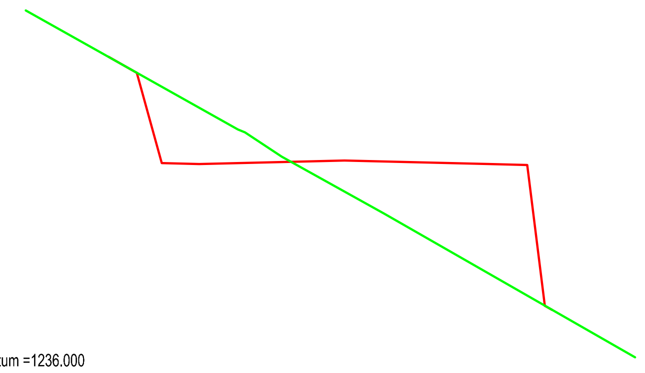
Level Datum =1239.000



Design Levels	1254.465 1239.045 1239.023 1239.110 1239.023 1239.000 1251.232 1249.471
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 9.636
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 4.636
Ex. Ground Levels	1254.393 1254.246 1251.933 1250.322 1249.325
Ex. Ground Offset	−4.558 −2.227 3.063 7.514 10.000

Chainage =67750.000

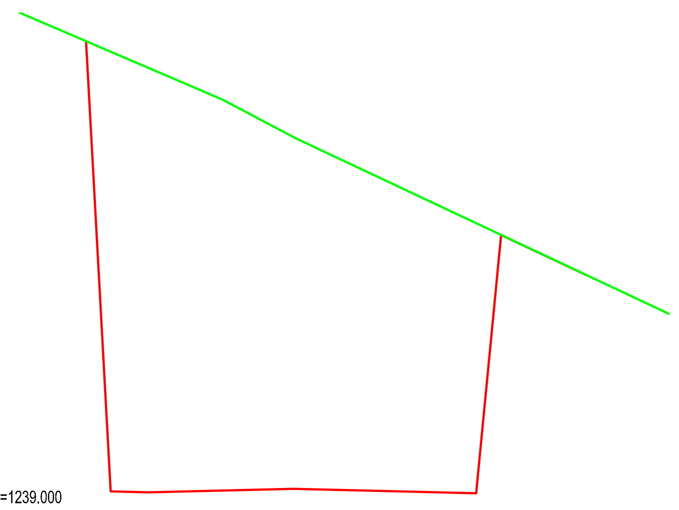
Level Datum =1236.000



Design Levels	1244.027 1243.646 1241.471 1241.449 1241.536 1241.449 1241.426 1238.037 1237.936
Design Offset	−5.678 −5.000 −4.400 −3.500 0.000 3.500 4.400 4.824 5.000
Design Width	0.678 0.600 0.900 3.500 3.500 0.900 0.424
Ex. Ground Levels	1242.280 1242.213 1241.627 1240.251
Ex. Ground Offset	−2.567 −2.394 −1.507 0.959

Chainage =67900.000

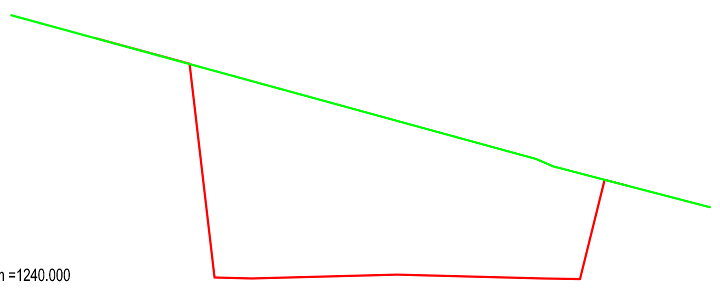
Level Datum =1239.000



Design Levels	1250.704 1239.854 1239.831 1239.919 1239.831 1239.809 1246.033 1245.078
Design Offset	−5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 7.034
Design Width	0.600 0.900 3.500 3.500 0.900 0.600 2.034
Ex. Ground Levels	1249.292 1248.358 1247.748
Ex. Ground Offset	−1.708 0.061 1.350

Chainage =67800.000

Level Datum =1240.000



Design Levels	1246.441 1245.813 1240.663 1240.640 1240.728 1240.640 1240.618 1243.016 1242.878
Design Offset	−7.289 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.530
Design Width	2.289 0.600 0.900 3.500 3.500 0.900 0.600 0.530
Ex. Ground Levels	1243.522 1243.340
Ex. Ground Offset	3.349 3.754

Chainage =67850.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widening/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 86
Sheet :	86 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:

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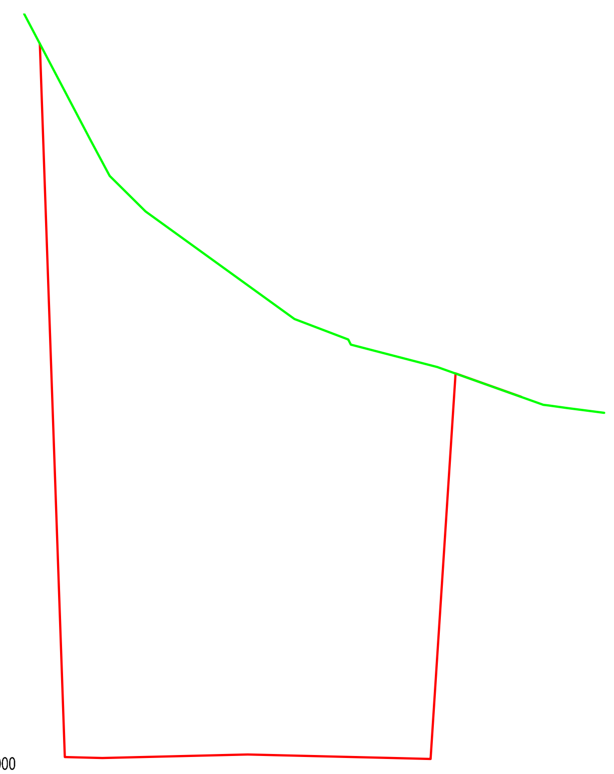
PH:0120-2400144



Level Datum =1422.000

Design Levels	1440.055	1422.877	1422.854	1422.942	1422.854	1422.832	1432.111	1431.550			
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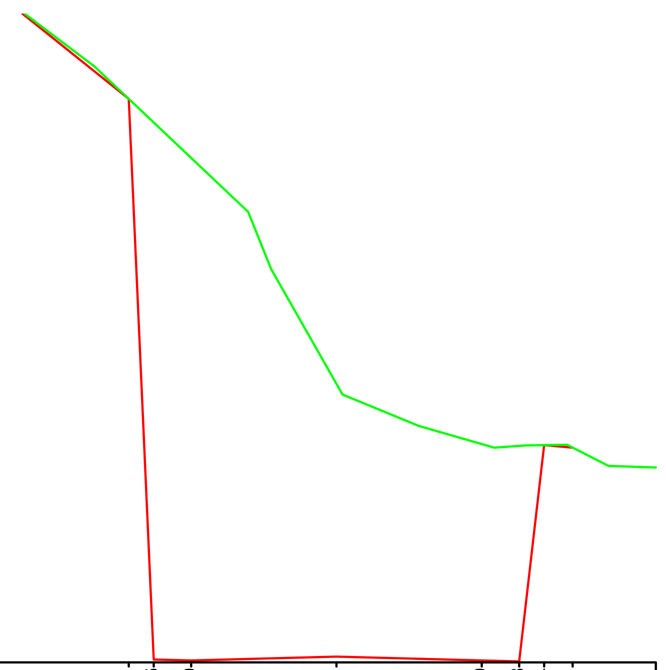
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	1.580				
Design Cut	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L			
Ex. Ground Levels	1442.431	1437.752	1436.869	1436.011	1433.424	1432.927	1432.803	1432.266	1431.360	1431.342	1431.283
Ex. Ground Offset	-6.245	-3.793	-3.316	-2.459	1.124	2.422	2.486	4.565	7.115	7.246	7.687

Chainage =71900.000

Level Datum =1428.000

Design Levels	1441.695	1438.903	1428.475	1428.452	1428.540	1428.452	1428.430	1434.078	1434.090		
Design Offset	-7.705	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.815		
Design Width	2.705	0.600	0.900	3.500	3.500	0.900	0.600	0.815			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L		
Ex. Ground Levels	1442.468	1436.839	1434.452	1434.217	1434.202	1434.104	1434.095	1434.072	1434.101	1434.051	1434.006
Ex. Ground Offset	-8.454	-3.000	0.405	1.139	1.331	3.054	3.285	4.559	6.666	6.849	7.196

Chainage =72000.000



Level Datum =1434.000

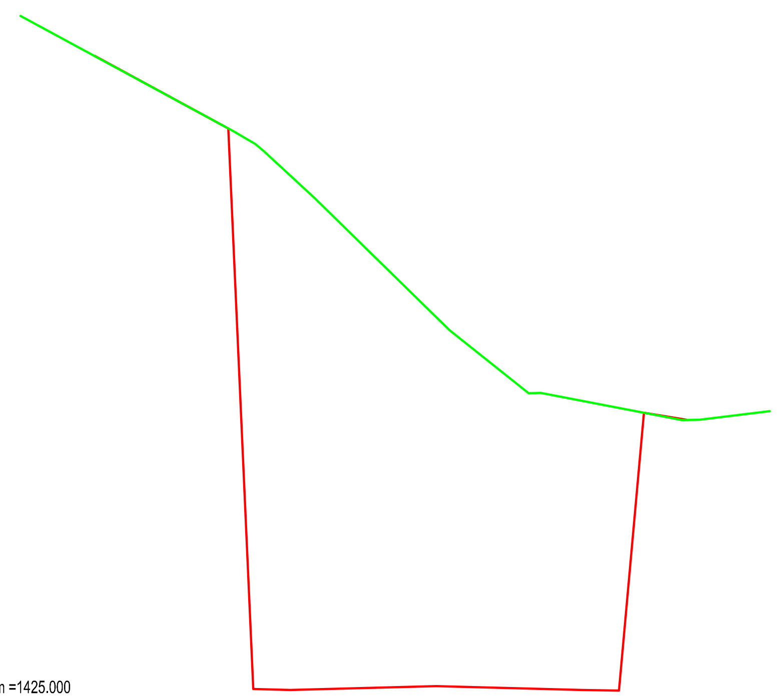
Design Levels	1450.355	1447.571	1434.073	1434.050	1434.138	1434.050	1434.028	1439.234	1439.174		
Design Offset	-8.470	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.687		
Design Width	3.470	0.600	0.900	3.500	3.500	0.900	0.600	0.687			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L		
Ex. Ground Levels	1451.512	1448.359	1447.576	1444.856	1443.473	1440.454	1439.694	1439.172	1439.228	1439.241	1438.737
Ex. Ground Offset	-10.000	-5.834	-5.005	-2.130	-1.572	0.146	1.977	3.794	4.552	5.555	6.546

Chainage =72100.000

Level Datum =1439.000

Design Levels	1451.147	1447.767	1439.671	1439.648	1439.736	1439.648	1439.626	1443.372	1443.221		
Design Offset	-7.269	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.299		
Design Width	2.269	0.600	0.900	3.500	3.500	0.900	0.600				
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L		
Ex. Ground Levels	1453.292	1451.531	1446.959	1444.979	1444.518	1444.489	1444.199	1444.207	1444.224	1444.206	1444.135
Ex. Ground Offset	-9.173	-7.526	-4.458	-1.528	-1.114	0.291	1.162	1.497	2.936	3.283	3.495

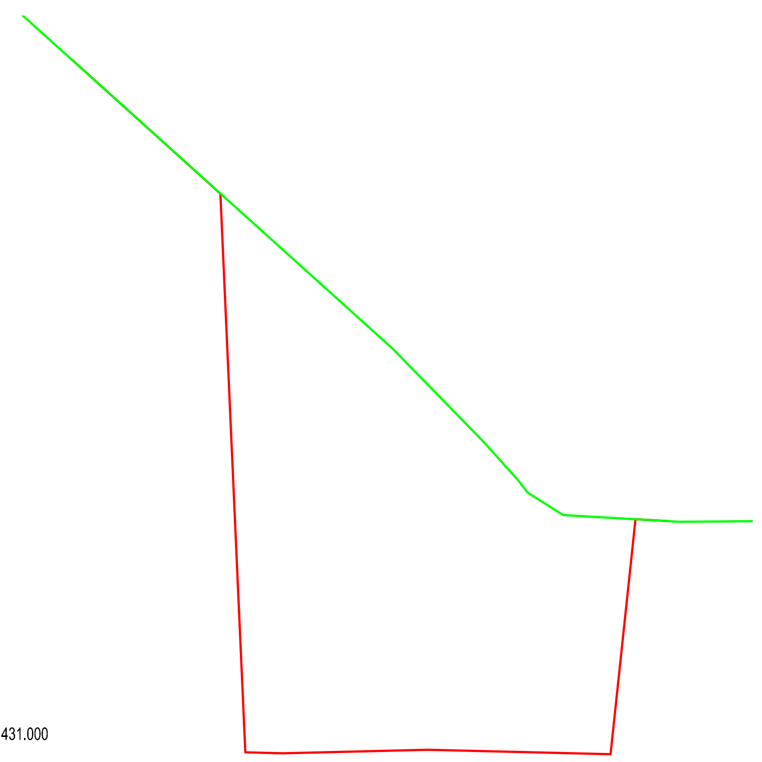
Chainage =72200.000



Level Datum =1425.000

Design Levels	1440.928	1439.183	1425.676	1425.653	1425.741	1425.653	1425.631	1432.333	1432.159	
Design Offset	-8.213	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	6.032	
Design Width	3.213	0.600	0.900	3.500	3.500	0.900	0.600	1.032		
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L	
Ex. Ground Levels	1441.898	1439.118	1438.802	1438.633	1437.492	1434.322	1432.805	1432.808	1432.157	1432.165
Ex. Ground Offset	-10.000	-4.881	-4.341	-4.141	-2.907	0.323	2.228	2.519	5.924	6.333

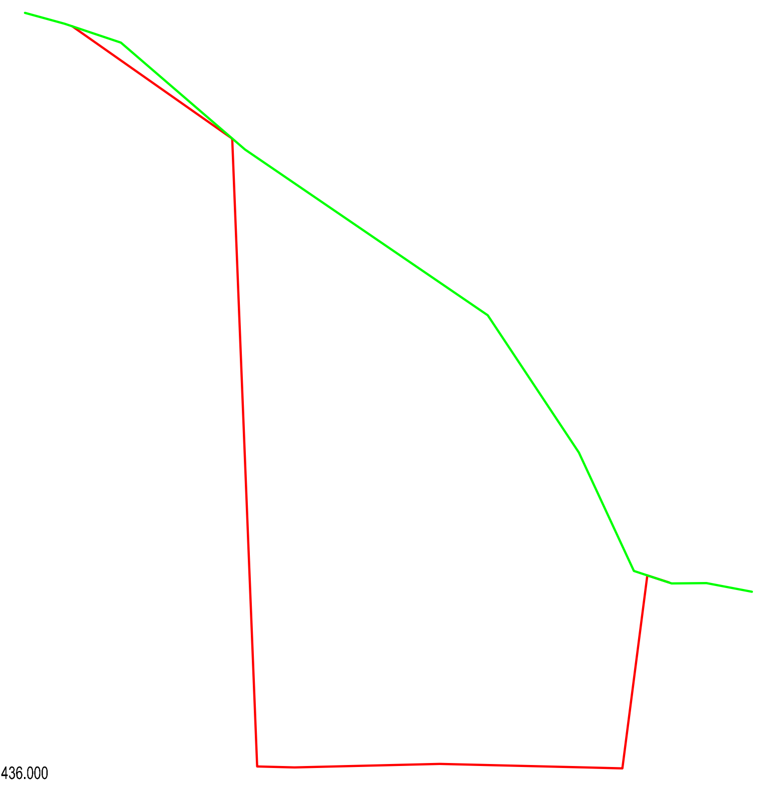
Chainage =71950.000



Level Datum =1431.000

Design Levels	1447.958	1444.739	1431.274	1431.251	1431.339	1431.251	1431.229	1436.893	1436.847
Design Offset	-8.571	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.805
Design Width	3.571	0.600	0.900	3.500	3.500	0.900	0.600	0.805	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1449.246	1445.904	1441.006	1438.760	1437.834	1437.529	1436.992	1436.834	1436.842
Ex. Ground Offset	-10.000	-6.292	-0.861	1.336	2.172	2.399	3.258	6.041	7.155

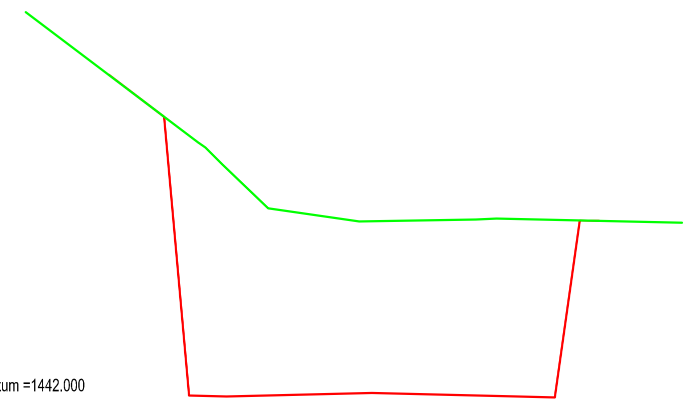
Chainage =72050.000



Level Datum =1436.000

Design Levels	1454.704	1451.997	1436.872	1436.849	1436.937	1436.849	1436.827	1441.477	1441.303
Design Offset	-8.858	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.519
Design Width	3.858	0.600	0.900	3.500	3.500	0.900	0.600	0.519	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1455.025	1454.765	1454.307	1451.733	1447.740	1444.433	1441.586	1441.283	1441.293
Ex. Ground Offset	-10.000	-9.038	-7.686	-4.692	1.156	3.348	4.672	5.581	6.424

Chainage =72150.000



Level Datum =1442.000

Design Levels	1450.192	1449.185	1442.470	1442.447	1442.535	1442.447	1442.425	1446.686	1446.675
Design Offset	-6.331	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.463
Design Width	1.331	0.600	0.900	3.500	3.500	0.900	0.600	0.463	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1448.568	1448.443	1448.032	1446.976	1446.664	1446.662	1446.711	1446.730	
Ex. Ground Offset	-4.184	-4.007	-3.603	-2.499	-0.307	-0.290	2.496	2.998	

Chainage =72250.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 87
Sheet :	87 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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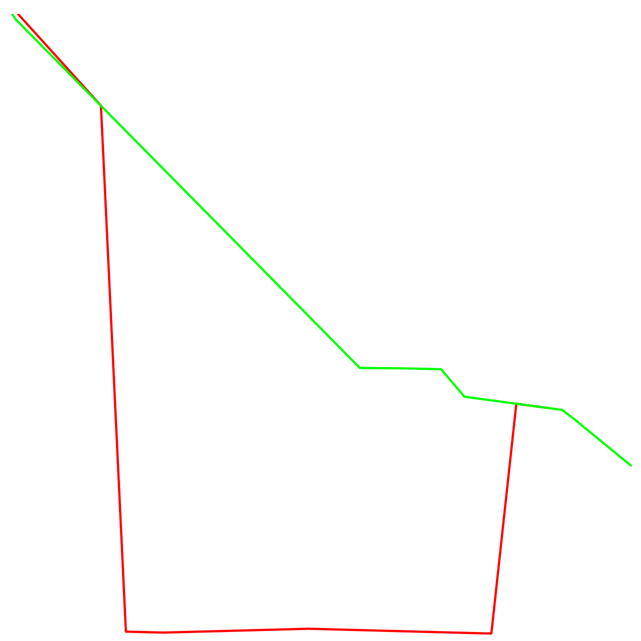


Level Datum =1445.000

Design Levels	1461.873, 1457.936, 1445.269, 1445.246, 1445.334, 1445.246, 1445.224, 1450.753, 1450.652
Design Offset	−8.551, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.757
Design Width	3.551, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.757
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1462.744, 1462.149, 1461.575, 1460.027, 1451.618, 1451.606, 1451.585, 1450.920, 1450.606, 1450.414
Ex. Ground Offset	−10.000, −9.013, −8.053, −7.062, 1.231, 2.166, 3.191, 3.753, 6.103, 6.356

Chainage =72300.000

Level Datum =1450.000

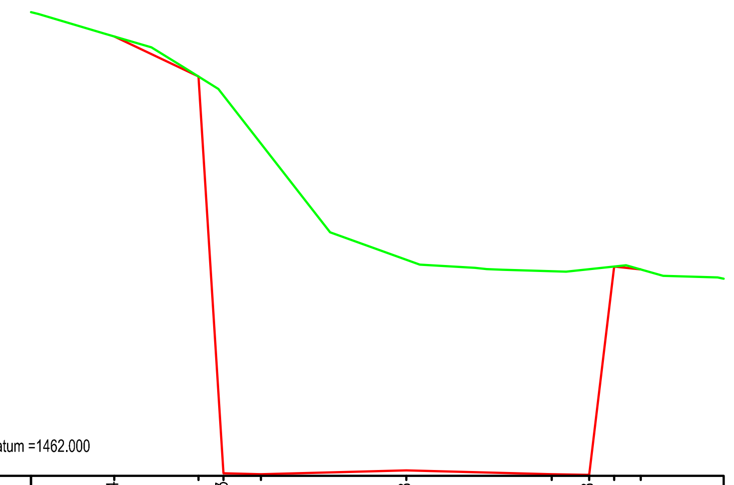
Design Levels	1468.752, 1466.583, 1450.867, 1450.845, 1450.932, 1450.845, 1450.822, 1457.709, 1457.530
Design Offset	−8.871, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.077
Design Width	3.871, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.077
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1469.135, 1468.880, 1468.008, 1467.498, 1466.335, 1467.296, 1465.038, 1463.036, 1461.750, 1458.172, 1457.801, 1457.840
Ex. Ground Offset	−10.000, −9.162, −7.185, −6.306, −4.647, −3.877, −1.859, −0.610, 0.451, 2.122, 3.853, 4.209

Chainage =72400.000

Level Datum =1456.000

Design Levels	1470.570, 1468.426, 1456.465, 1456.443, 1456.530, 1456.443, 1456.420, 1462.435, 1462.457
Design Offset	−7.926, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.909
Design Width	2.926, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.909
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1470.566, 1467.962, 1467.231, 1466.385, 1463.971, 1462.322, 1462.367, 1462.458, 1462.457, 1462.506, 1462.484
Ex. Ground Offset	−7.913, −4.368, −3.480, −2.948, −0.764, 3.064, 3.643, 5.461, 6.124, 6.854, 6.967

Chainage =72500.000



Level Datum =1462.000

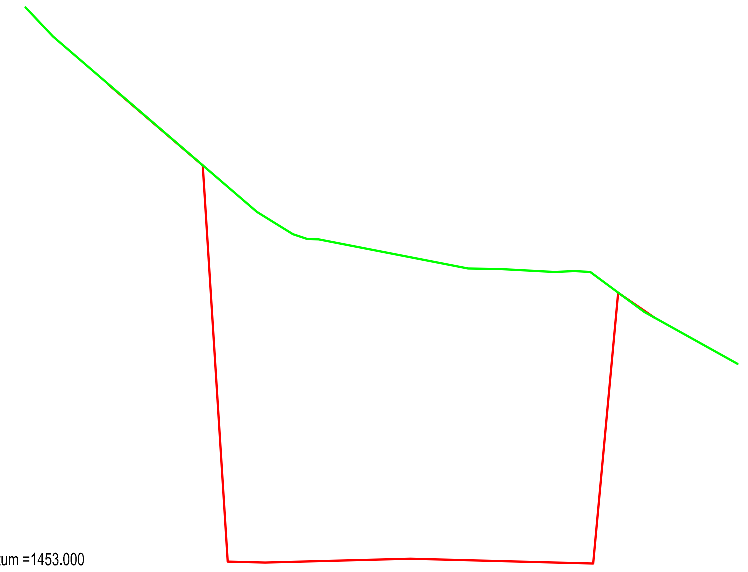
Design Levels	1472.584, 1471.616, 1462.063, 1462.041, 1462.128, 1462.041, 1462.018, 1467.041, 1466.971
Design Offset	−7.030, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.638
Design Width	2.030, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.638
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1473.122, 1472.653, 1472.319, 1471.832, 1471.318, 1467.869, 1467.086, 1467.008, 1466.977, 1466.964, 1466.919, 1467.071, 1466.816, 1466.778
Ex. Ground Offset	−8.842, −7.265, −6.132, −5.348, −4.522, −1.832, 0.326, 1.650, 1.937, 2.311, 3.846, 5.286, 6.183, 7.487

Chainage =72600.000

Level Datum =1448.000

Design Levels	1461.196, 1459.900, 1448.068, 1448.045, 1448.133, 1448.045, 1448.023, 1454.460, 1453.988
Design Offset	−7.682, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.891
Design Width	2.682, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.891
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1461.335, 1460.426, 1459.720, 1456.603, 1453.979, 1454.034
Ex. Ground Offset	−7.969, −6.086, −4.628, 1.817, 5.715, 6.834

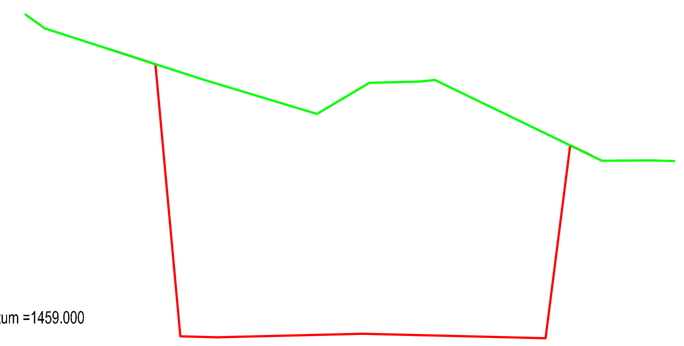
Chainage =72350.000



Level Datum =1453.000

Design Levels	1465.158, 1463.206, 1453.666, 1453.644, 1453.731, 1453.644, 1453.621, 1460.141, 1459.534
Design Offset	−7.273, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.878
Design Width	2.273, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.878
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1466.309, 1462.087, 1461.814, 1461.552, 1461.431, 1461.426, 1460.725, 1460.709, 1460.642, 1460.660, 1460.641, 1459.671
Ex. Ground Offset	−8.612, −3.698, −3.250, −2.830, −2.485, −2.209, 1.386, 2.193, 3.476, 3.946, 4.330, 5.630

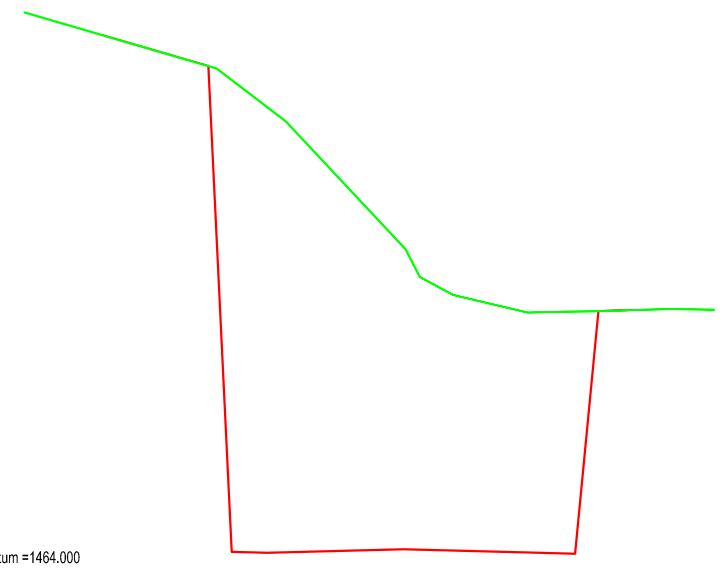
Chainage =72450.000



Level Datum =1459.000

Design Levels	1466.178, 1465.813, 1459.264, 1459.242, 1459.329, 1459.242, 1459.219, 1463.863, 1463.621
Design Offset	−6.129, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.500
Design Width	1.129, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.500
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1466.676, 1465.438, 1464.618, 1465.367, 1465.397, 1465.438, 1463.494, 1463.502
Ex. Ground Offset	−7.681, −3.840, −1.103, 0.158, 1.362, 1.739, 5.763, 6.930

Chainage =72550.000



Level Datum =1464.000

Design Levels	1478.099, 1477.310, 1464.862, 1464.840, 1464.927, 1464.840, 1464.817, 1471.030, 1471.060
Design Offset	−7.709, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.961
Design Width	2.709, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.961
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1477.248, 1475.886, 1472.620, 1471.907, 1471.442, 1470.988, 1471.019, 1471.028, 1471.068, 1471.081
Ex. Ground Offset	−4.789, −3.017, 0.050, 0.422, 1.274, 3.185, 4.257, 4.946, 6.215, 6.823

Chainage =72650.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 88			Sheet : 88 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

Technocrats Advisory Services Pvt. Ltd.
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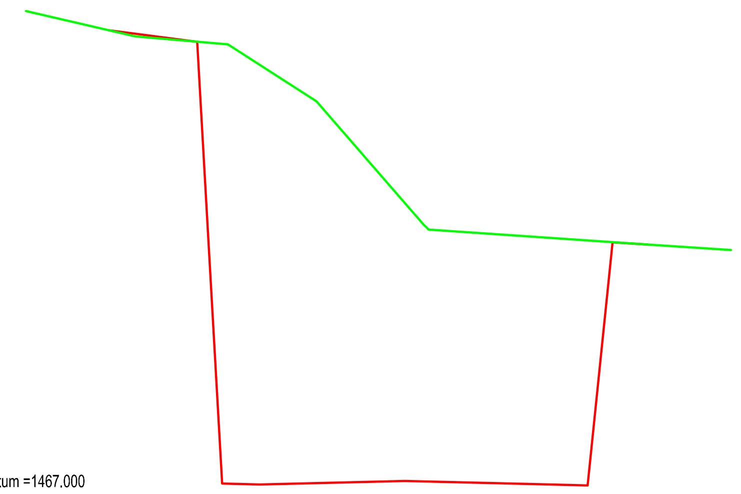
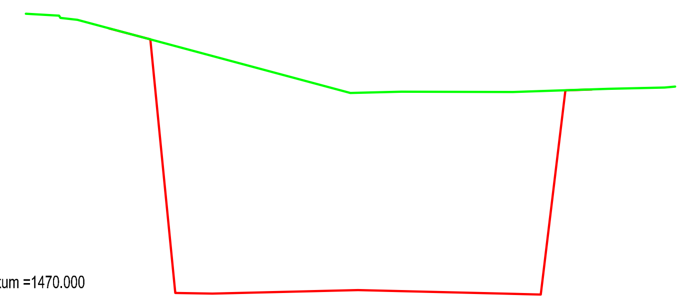


Level Datum =1467.000

Design Levels	1478.570	1478.294	1467.661	1467.639	1467.726	1467.639	1467.616	1473.470	1473.411
Design Offset	-7.127	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.849
Design Width	2.127	0.600	0.900	3.500	3.500	0.900	0.600	0.849	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1478.425	1478.230	1476.855	1473.905	1473.771	1473.395			
Ex. Ground Offset	-6.502	-4.263	-2.126	0.440	0.656	6.078			

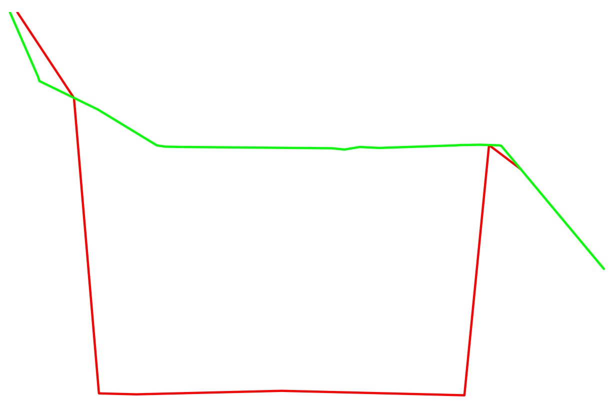
Chainage =72700.000



Level Datum =1470.000

Design Levels	1476.839	1476.571	1470.460	1470.438	1470.525	1470.438	1470.415	1475.344	1475.364
Design Offset	-5.995	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.637
Design Width	0.995	0.600	0.900	3.500	3.500	0.900	0.600	0.637	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1477.147	1477.092	1477.043	1475.276	1475.310	1475.303	1475.377	1475.408	
Ex. Ground Offset	-7.197	-7.166	-6.754	-0.184	1.048	3.731	6.032	7.389	

Chainage =72750.000



Level Datum =1473.000

Design Levels	1483.249	1480.379	1473.259	1473.237	1473.324	1473.237	1473.214	1479.242	1478.661								
Design Offset	-6.897	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.762								
Design Width	1.897	0.600	0.900	3.500	3.500	0.900	0.600	0.762									
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L								
Ex. Ground Levels	1485.273	1483.315	1480.884	1480.783	1480.097	1479.238	1479.203	1479.198	1479.168	1479.134	1479.193	1479.177	1479.238	1479.245	1479.252	1479.231	1479.229
Ex. Ground Offset	-7.700	-6.927	-5.859	-5.830	-4.418	-3.003	-2.793	-2.372	1.208	1.514	1.885	2.349	4.177	4.310	4.784	5.247	5.289

Chainage =72800.000

Level Datum =1476.000

Design Levels	1497.214	1494.841	1476.058	1476.036	1476.123	1476.036	1476.013	1482.143	1481.887		
Design Offset	-9.689	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.868		
Design Width	4.689	0.600	0.900	3.500	3.500	0.900	0.600	0.868			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L		
Ex. Ground Levels	1497.345	1497.315	1495.362	1488.235	1488.033	1486.148	1483.492	1482.467	1482.484	1481.708	1481.733
Ex. Ground Offset	-10.000	-9.917	-5.489	1.205	1.548	2.229	2.894	3.555	3.848	6.474	7.490

Chainage =72850.000

Level Datum =1478.000

Design Levels	1499.413	1495.469	1478.857	1478.835	1478.922	1478.835	1478.812	1484.441	1484.279		
Design Offset	-9.539	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.767		
Design Width	4.539	0.600	0.900	3.500	3.500	0.900	0.600	0.767			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L		
Ex. Ground Levels	1499.686	1497.275	1497.141	1495.497	1485.017	1484.767	1484.740	1484.730	1484.651	1484.642	1484.502
Ex. Ground Offset	-10.000	-5.918	-5.616	-5.015	0.394	0.868	2.223	2.483	3.890	4.033	4.712

Chainage =72900.000

Level Datum =1481.000

Design Levels	1499.042	1494.895	1481.656	1481.634	1481.721	1481.634	1481.611	1488.015	1487.768		
Design Offset	-8.746	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.939		
Design Width	3.746	0.600	0.900	3.500	3.500	0.900	0.600	0.939			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L		
Ex. Ground Levels	1500.429	1494.212	1492.154	1490.530	1489.755	1489.130	1488.975	1488.011	1488.025	1488.016	1487.882
Ex. Ground Offset	-10.000	-4.384	-2.113	-1.012	-0.226	0.289	1.023	3.342	4.532	4.997	5.862

Chainage =72950.000

Level Datum =1484.000

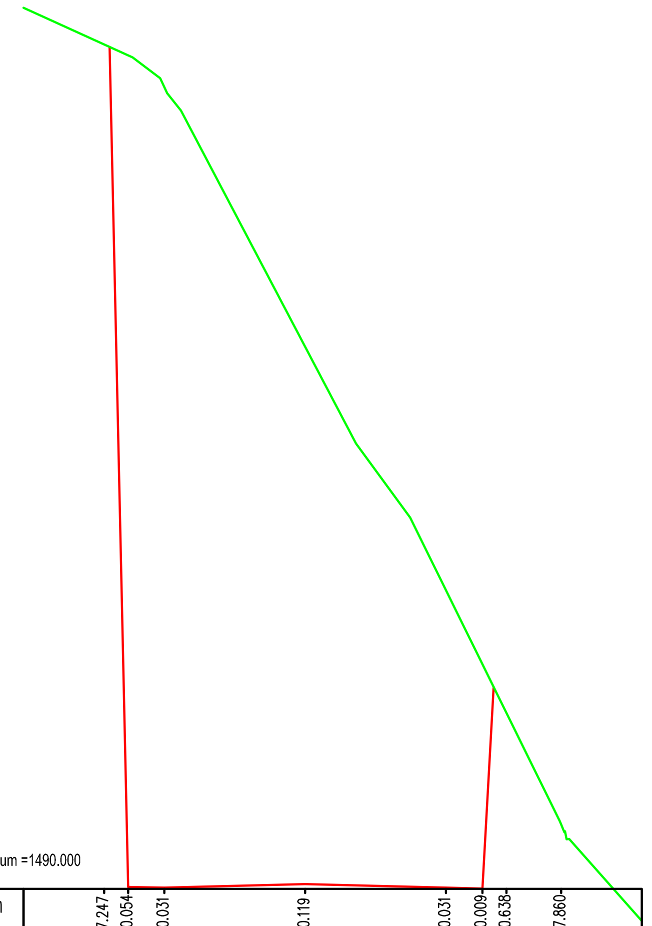
Design Levels	1502.724	1500.455	1484.455	1484.433	1484.520	1484.433	1484.410	1490.506	1490.474
Design Offset	-8.967	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.916
Design Width	3.967	0.600	0.900	3.500	3.500	0.900	0.600	0.916	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1503.239	1501.280	1500.394	1496.309	1492.171	1490.399	1490.402	1490.516	1490.465
Ex. Ground Offset	-10.000	-6.072	-4.921	-2.443	0.165	2.374	2.672	5.216	6.079

Chainage =73000.000

Level Datum =1485.000

Design Levels	1506.440	1500.902	1487.254	1487.232	1487.319	1487.232	1487.209	1492.279	1492.284
Design Offset	-9.196	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.669
Design Width	4.196	0.600	0.900	3.500	3.500	0.900	0.600	0.669	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1507.500	1499.585	1499.270	1494.921	1492.980	1492.947	1492.778	1492.252	1492.322
Ex. Ground Offset	-10.000	-4.002	-3.819	-0.969	0.437	1.725	3.302	4.585	5.658

Chainage =73050.000



Level Datum =1490.000

Design Levels	1517.247	1490.054	1490.031	1490.119	1490.031	1490.009	1500.638	1497.860
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	6.363
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	1.363	
Design Cut	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1516.923	1516.409	1516.035	1515.609	1507.331	1505.492	1497.943	1497.512
Ex. Ground Offset	-4.291	-3.608	-3.435	-3.089	1.262	2.606	6.330	6.557

Chainage =73100.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 89			Sheet : 89 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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PH:0120-2400144

Level Datum =1492.000

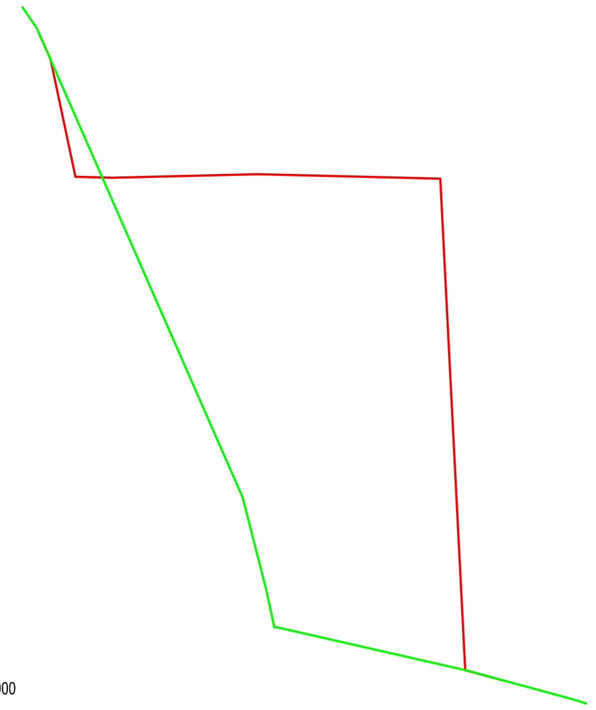
Row	Values
Design Levels	1511.571, 1492.853, 1492.830, 1492.918, 1492.830, 1492.808, 1497.668, 1497.391
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.546
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.546
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1515.206, 1512.309, 1501.431, 1497.954, 1497.791, 1497.715, 1496.725, 1496.703
Ex. Ground Offset	−6.524, −5.350, −0.196, 1.934, 2.256, 4.908, 6.854, 7.062

Chainage =73150.000

Level Datum =1494.000

Row	Values
Design Levels	1510.237, 1498.451, 1498.428, 1498.516, 1498.428, 1498.406, 1494.459, 1494.462
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.893, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.493
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1512.868, 1496.965, 1495.964, 1494.827, 1494.821, 1494.435, 1494.445, 1494.445, 1494.446, 1494.451
Ex. Ground Offset	−5.738, −1.279, −0.407, 0.085, 0.922, 2.363, 3.778, 3.923, 4.200, 4.635

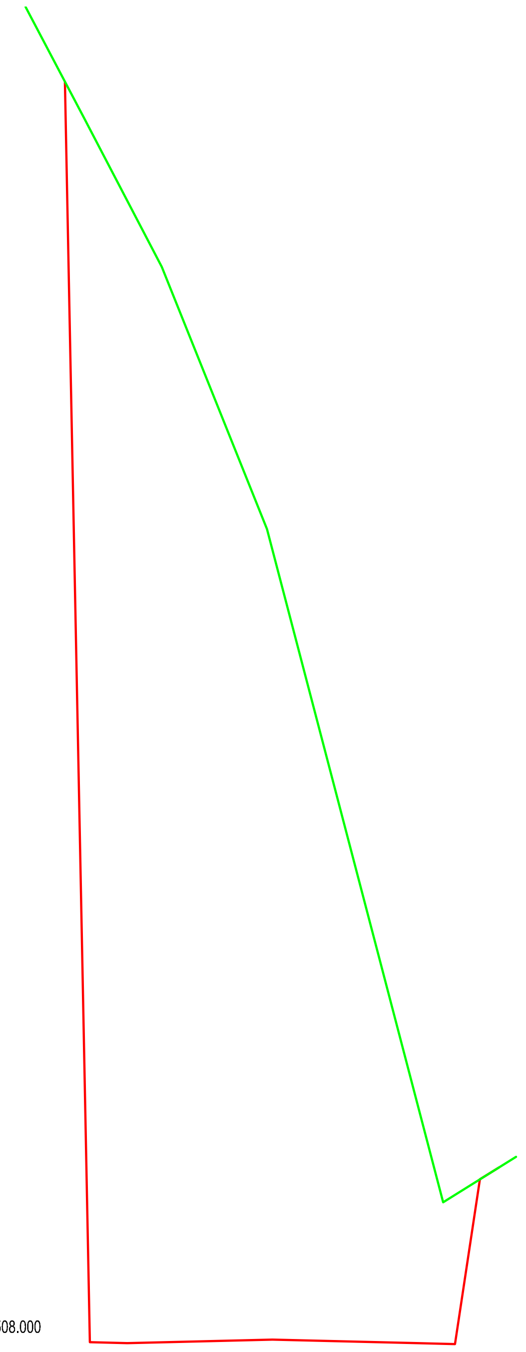
Chainage =73250.000



Level Datum =1491.000

Row	Values
Design Levels	1507.475, 1506.890, 1504.049, 1504.026, 1504.114, 1504.026, 1504.004, 1492.159, 1491.914
Design Offset	−5.257, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.911
Design Width	0.257, 0.900, 3.500, 3.500, 0.900, 0.600, 0.911
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1507.633, 1496.321, 1494.089, 1493.199, 1492.149, 1491.444
Ex. Ground Offset	−5.326, −0.362, 0.202, 0.432, 5.042, 7.651

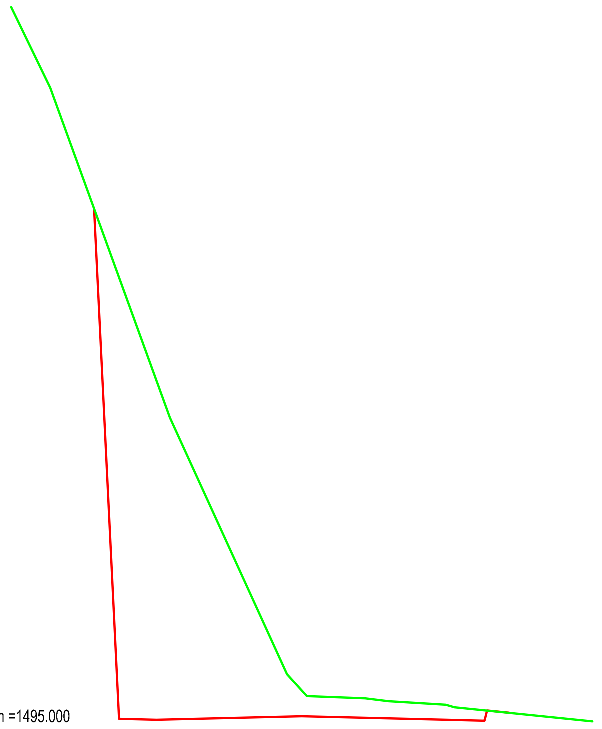
Chainage =73350.000



Level Datum =1508.000

Row	Values
Design Levels	1539.997, 1509.647, 1509.624, 1509.712, 1509.624, 1509.602, 1513.570, 1513.861
Design Offset	−5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.465
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.465
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1542.692, 1539.110, 1535.544, 1529.231, 1513.019, 1514.232, 1513.363, 1508.888
Ex. Ground Offset	−6.420, −4.533, −2.666, −0.131, 4.116, 6.059, 6.426, 7.463

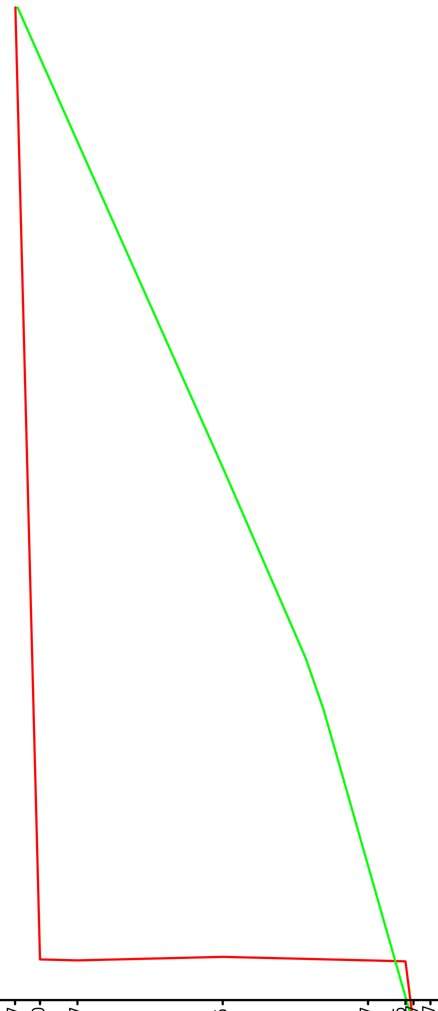
Chainage =73450.000



Level Datum =1495.000

Row	Values
Design Levels	1507.945, 1495.652, 1495.629, 1495.717, 1495.629, 1495.607, 1495.855, 1495.800
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.462, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.062
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1510.855, 1502.908, 1496.730, 1496.203, 1496.150, 1496.079, 1495.995, 1495.935
Ex. Ground Offset	−6.053, −3.177, −0.354, 0.123, 1.532, 2.091, 3.473, 3.677

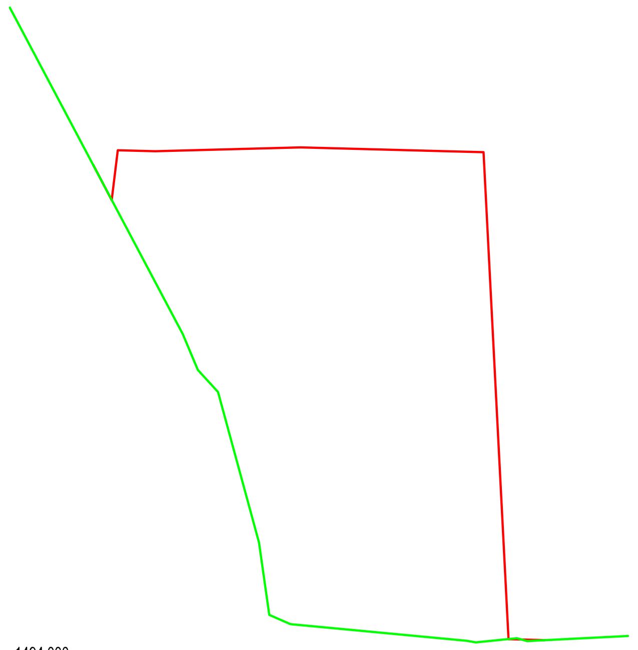
Chainage =73200.000



Level Datum =1496.000

Row	Values
Design Levels	1524.317, 1501.250, 1501.227, 1501.315, 1501.227, 1501.205, 1499.677, 1498.877
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.591, 5.000
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.191
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1513.140, 1508.509, 1507.269, 1499.647, 1497.565
Ex. Ground Offset	−0.016, 1.991, 2.426, 4.600, 5.682

Chainage =73300.000



Level Datum =1494.000

Row	Values
Design Levels	1506.498, 1505.647, 1506.848, 1506.825, 1506.913, 1506.825, 1506.803, 1495.064, 1495.038
Design Offset	−5.000, −4.550, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.871
Design Width	0.450, 0.900, 3.500, 3.500, 0.900, 0.600, 0.871
Design Cut	TL20, IA23, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1502.415, 1501.552, 1501.021, 1497.392, 1495.646, 1495.423, 1495.019, 1494.986, 1495.084, 1495.016
Ex. Ground Offset	−2.842, −2.480, −1.992, −1.003, −0.755, −0.253, 3.990, 4.215, 5.203, 5.449

Chainage =73400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 90			Sheet : 90 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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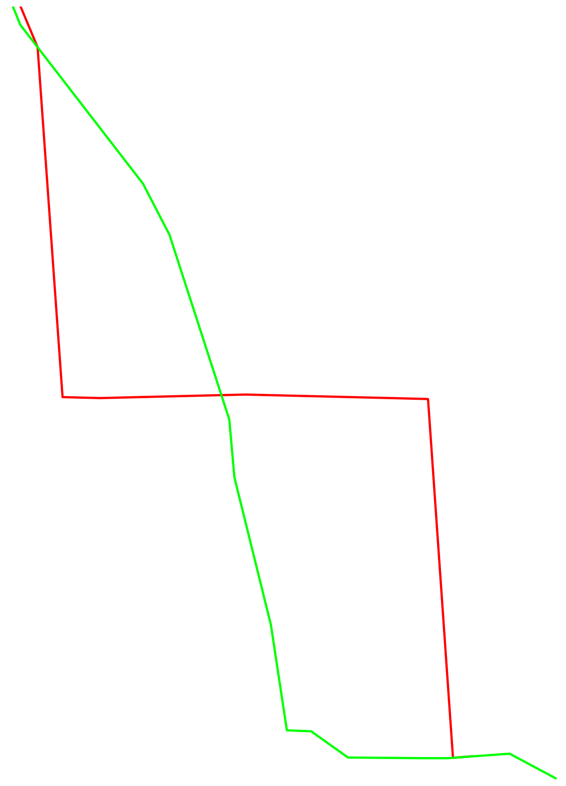
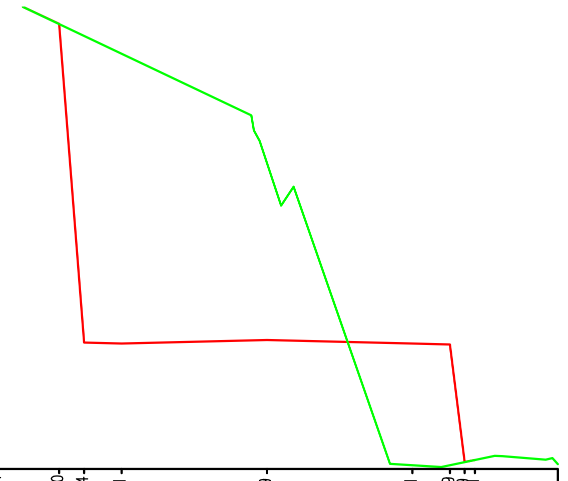


Level Datum =1503.000

Row	Values
Design Levels	1530.113, 1520.875, 1512.446, 1512.423, 1512.511, 1512.423, 1512.401, 1503.752, 1503.788
Design Offset	-8.817, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.477
Design Width	3.817, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.477
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, TL2l, IA2L
Ex. Ground Levels	1532.208, 1530.214, 1521.416, 1517.598, 1516.361, 1511.908, 1510.508, 1506.961, 1504.413, 1504.394, 1503.762, 1503.749, 1503.746, 1503.743, 1503.854
Ex. Ground Offset	-10.000, -8.856, -5.419, -2.462, -1.824, -0.388, -0.260, 0.621, 1.005, 1.590, 2.472, 3.326, 4.263, 4.884, 6.368

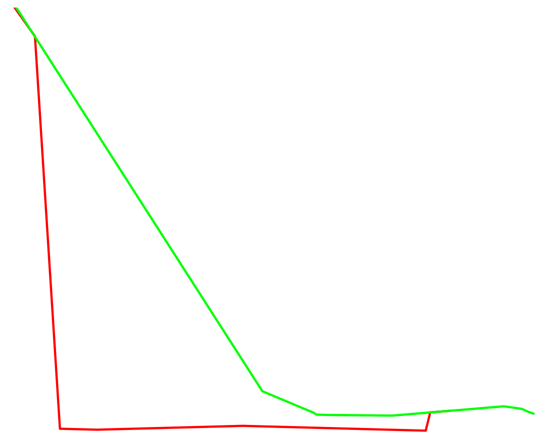
Chainage =73500.000



Level Datum =1515.000

Row	Values
Design Levels	1526.434, 1525.720, 1518.044, 1518.021, 1518.109, 1518.021, 1517.999, 1515.169, 1515.221
Design Offset	-6.497, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.754, 5.000
Design Width	1.497, 0.600, 0.900, 3.500, 3.500, 0.900, 0.354
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1526.773, 1523.518, 1522.899, 1521.343, 1521.797, 1515.125, 1515.052, 1515.321, 1515.309, 1515.223, 1515.263
Ex. Ground Offset	-7.209, -0.378, -0.177, 0.340, 0.641, 2.957, 4.190, 5.482, 5.668, 6.705, 6.868

Chainage =73600.000



Level Datum =1526.000

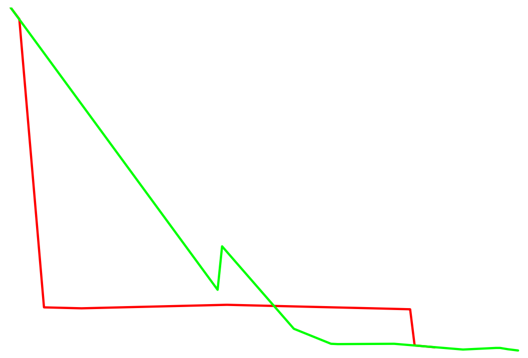
Row	Values
Design Levels	1539.803, 1535.880, 1526.441, 1526.419, 1526.506, 1526.419, 1526.396, 1526.833, 1526.874
Design Offset	-7.740, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.509, 5.000
Design Width	2.740, 0.600, 0.900, 3.500, 3.500, 0.900, 0.109
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1540.159, 1539.351, 1527.345, 1526.826, 1526.773, 1526.757, 1526.980, 1526.921, 1526.861
Ex. Ground Offset	-8.145, -7.227, 0.476, 1.705, 2.066, 3.602, 6.282, 6.716, 6.846

Chainage =73750.000

Level Datum =1531.000

Row	Values
Design Levels	1552.770, 1550.300, 1532.039, 1532.017, 1532.104, 1532.017, 1531.994, 1537.081, 1536.459
Design Offset	-9.583, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.516
Design Width	4.583, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.516
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, TL2l, IA2L
Ex. Ground Levels	1552.682, 1552.920, 1549.778, 1546.870, 1538.936, 1538.839, 1538.840, 1538.833, 1538.497, 1536.643
Ex. Ground Offset	-10.000, -8.880, -4.227, -1.813, -0.438, 1.204, 1.234, 2.655, 4.171, 5.257

Chainage =73850.000



Level Datum =1519.000

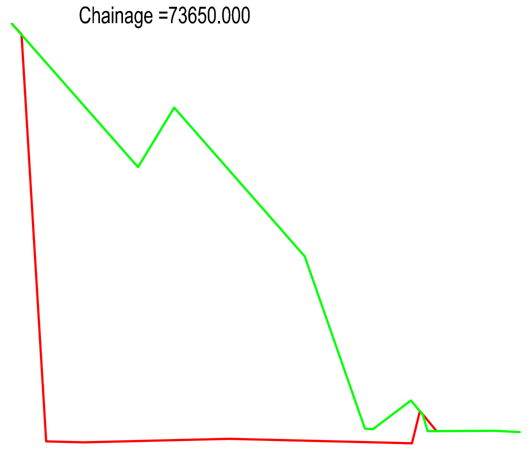
Row	Values
Design Levels	1530.157, 1527.794, 1520.843, 1520.820, 1520.908, 1520.820, 1520.798, 1519.926, 1519.884
Design Offset	-6.728, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.509, 5.000
Design Width	1.728, 0.600, 0.900, 3.500, 3.500, 0.900, 0.109
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1531.960, 1521.266, 1522.319, 1520.330, 1519.968, 1519.963, 1519.967, 1519.826, 1519.867, 1519.834
Ex. Ground Offset	-8.048, -0.224, -0.120, 1.610, 2.500, 2.664, 4.021, 5.676, 6.464, 6.754

Chainage =73650.000

Level Datum =1509.000

Row	Values
Design Levels	1519.133, 1516.501, 1515.245, 1515.222, 1515.310, 1515.222, 1515.200, 1510.646, 1510.634
Design Offset	-5.372, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.969, 5.000
Design Width	0.372, 0.600, 0.900, 3.500, 3.500, 0.900, 0.569
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1520.044, 1519.172, 1515.714, 1514.180, 1513.764, 1511.852, 1511.443, 1511.083, 1511.079, 1511.056, 1511.063, 1511.042
Ex. Ground Offset	-6.037, -5.377, -4.889, -4.543, -4.085, -2.661, -0.744, 0.550, 1.130, 2.165, 3.067, 3.902

Chainage =73550.000



Level Datum =1523.000

Row	Values
Design Levels	1536.382, 1533.445, 1523.642, 1523.619, 1523.707, 1523.619, 1523.597, 1524.374, 1523.888
Design Offset	-7.585, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.594, 5.000
Design Width	2.585, 0.600, 0.900, 3.500, 3.500, 0.900, 0.194
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1530.251, 1531.687, 1528.098, 1523.955, 1523.940, 1524.635, 1523.887, 1523.888, 1523.897, 1523.866
Ex. Ground Offset	-2.190, -1.319, 1.819, 3.270, 3.466, 4.380, 4.783, 4.963, 6.391, 6.998

Chainage =73700.000

Level Datum =1529.000

Row	Values
Design Levels	1549.687, 1543.053, 1529.240, 1529.218, 1529.305, 1529.218, 1529.195, 1532.734, 1532.546
Design Offset	-9.512, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.238
Design Width	4.512, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, TL2l, IA2L
Ex. Ground Levels	1550.125, 1548.694, 1546.553, 1539.458, 1536.497, 1533.521, 1533.150, 1532.449, 1532.464
Ex. Ground Offset	-10.000, -8.405, -6.760, -3.192, -0.437, 1.360, 4.474, 5.361, 5.655

Chainage =73800.000

Level Datum =1534.000

Row	Values
Design Levels	1556.181, 1534.838, 1534.816, 1534.903, 1534.816, 1534.793, 1543.611, 1543.647
Design Offset	-5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 6.613
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.613
Design Cut	TL20, ES20, CE20, LC20, CE2l, ES2l, TL2l, IA2L
Ex. Ground Levels	1557.071, 1555.622, 1551.293, 1547.628, 1543.749, 1543.767, 1543.598, 1543.642, 1543.643, 1543.654, 1543.643
Ex. Ground Offset	-5.844, -4.470, -2.008, 0.508, 2.576, 3.832, 4.612, 5.931, 6.242, 7.180, 7.463

Chainage =73900.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 91			Sheet : 91 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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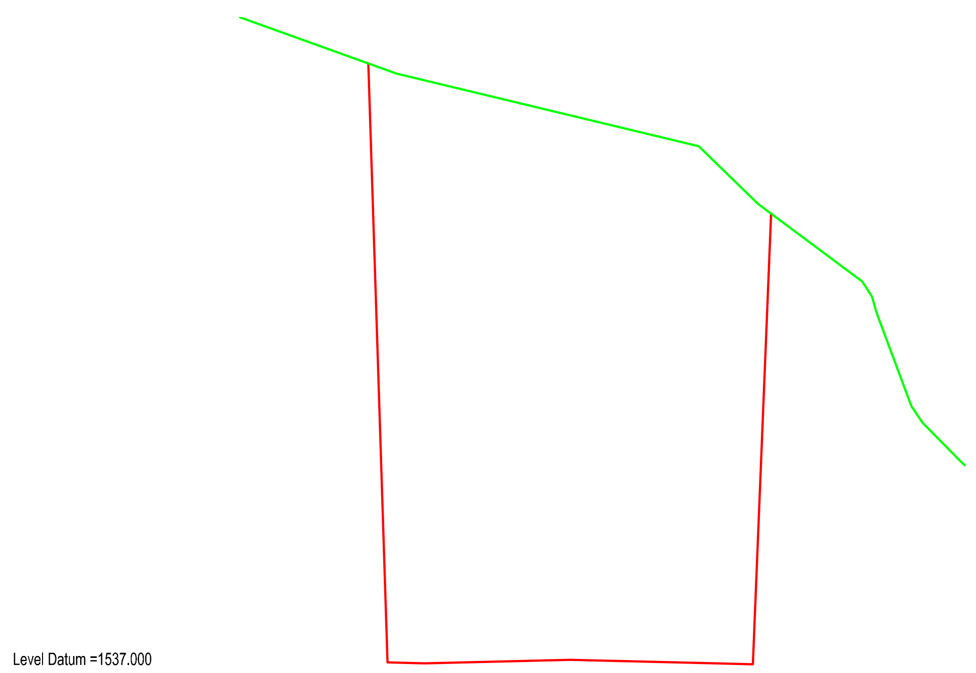
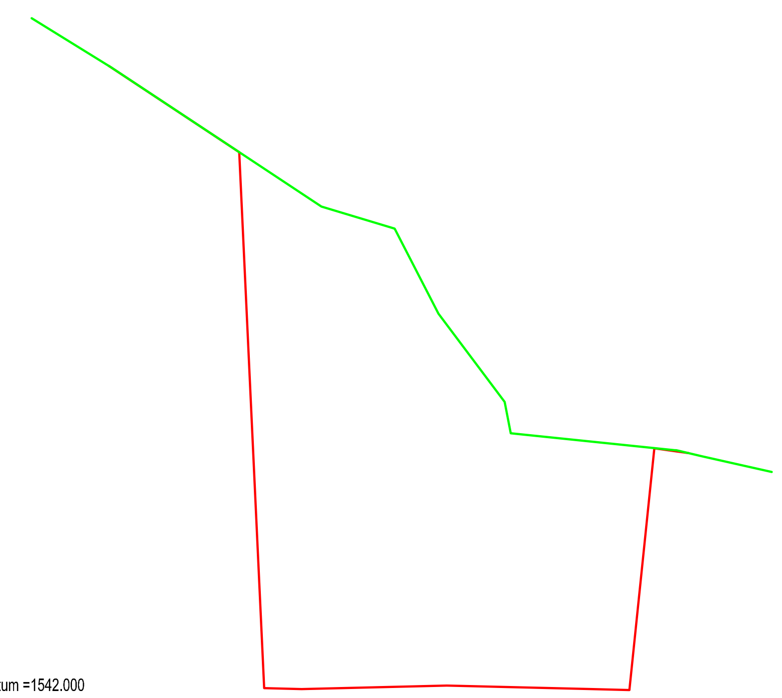


Level Datum =1537.000

Design Levels	1558.011	1556.391	1537.637	1537.615	1537.702	1537.615	1537.592	1552.600	1549.993
Design Offset	-9.493	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	7.500
Design Width	4.493	0.600	0.900	3.500	3.500	0.900	0.600	2.500	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2l	ES2l	TL2l	IA2L
Ex. Ground Levels	1558.194	1556.095	1554.343	1552.959	1551.083	1550.322	1548.087	1547.684	1546.734
Ex. Ground Offset	-10.000	-4.178	3.094	4.519	7.030	7.377	8.212	8.479	9.417

Chainage =73950.000



Level Datum =1542.000

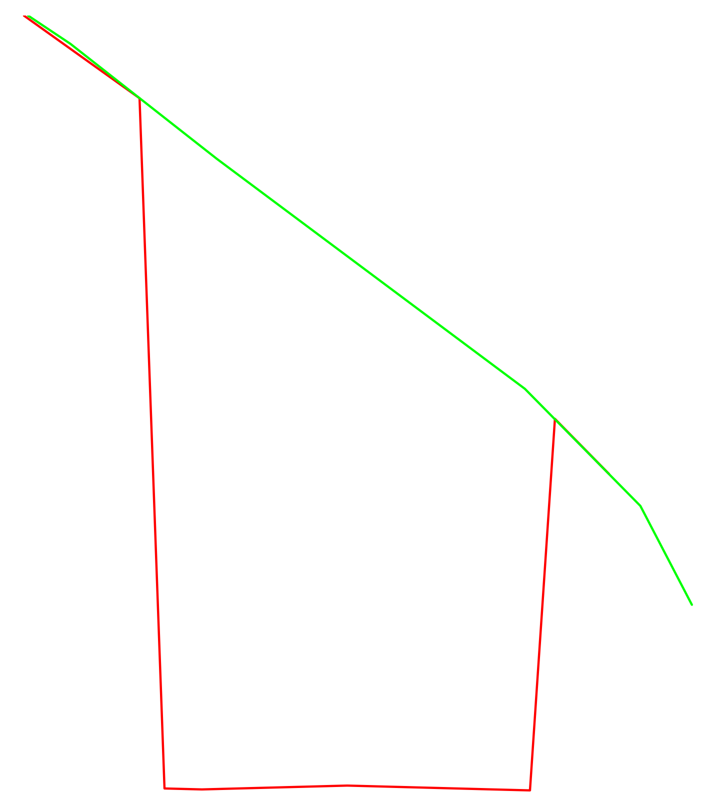
Design Levels	1557.641	1555.557	1542.641	1542.619	1542.706	1542.619	1542.596	1548.426	1548.307	
Design Offset	-8.150	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.828	
Design Width	3.150	0.600	0.900	3.500	3.500	0.900	0.600	0.828		
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2l	ES2l	TL2l	IA2L	
Ex. Ground Levels	1558.759	1557.602	1554.246	1553.714	1551.665	1549.539	1548.787	1548.374	1548.371	1548.229
Ex. Ground Offset	-10.000	-8.087	-3.020	-1.258	-0.201	1.399	1.539	5.495	5.564	6.151

Chainage =74050.000

Level Datum =1544.000

Design Levels	1562.920	1560.280	1544.513	1544.491	1544.578	1544.491	1544.468	1548.034	1547.799
Design Offset	-9.002	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.233
Design Width	4.002	0.600	0.900	3.500	3.500	0.900	0.600		
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2l	ES2l	TL2l	IA2L
Ex. Ground Levels	1563.381	1561.908	1556.834	1555.311	1554.938	1548.438	1547.797	1547.823	1547.813
Ex. Ground Offset	-10.000	-6.812	-1.166	0.805	1.708	4.795	5.093	6.578	6.695

Chainage =74150.000



Level Datum =1542.000

Design Levels	1562.703	1559.600	1542.978	1542.955	1543.043	1542.955	1542.933	1551.876	1550.553
Design Offset	-9.331	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	6.305
Design Width	4.331	0.600	0.900	3.500	3.500	0.900	0.600	1.305	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2l	ES2l	TL2l	IA2L
Ex. Ground Levels	1563.152	1560.911	1558.142	1552.607	1549.784				
Ex. Ground Offset	-10.000	-6.665	-3.147	4.279	7.063				

Chainage =74250.000

Level Datum =1540.000

Design Levels	1556.709	1555.496	1540.423	1540.400	1540.488	1540.400	1540.378	1546.302	1546.388
Design Offset	-8.471	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.903
Design Width	3.471	0.600	0.900	3.500	3.500	0.900	0.600	0.903	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2l	ES2l	TL2l	IA2L
Ex. Ground Levels	1557.242	1554.913	1549.567	1547.906	1548.022	1546.300	1546.446		
Ex. Ground Offset	-10.000	-3.328	0.534	0.776	2.255	4.984	6.507		

Chainage =74000.000

Level Datum =1543.000

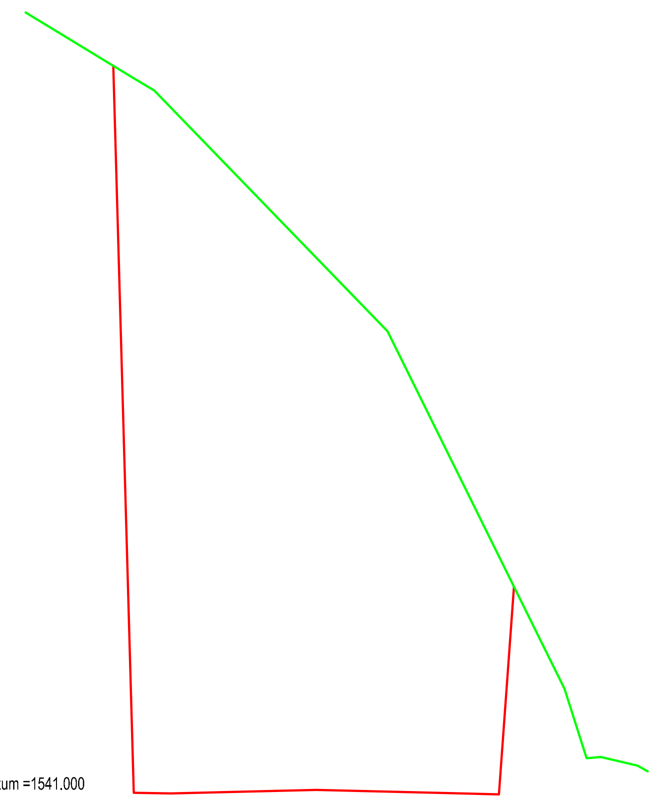
Design Levels	1559.165	1555.536	1544.005	1543.982	1544.070	1543.982	1543.960	1548.699	1548.614
Design Offset	-8.190	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.564
Design Width	3.190	0.600	0.900	3.500	3.500	0.900	0.600	0.564	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2l	ES2l	TL2l	IA2L
Ex. Ground Levels	1561.0[illegible]	1560.378	1550.270	1549.425	1548.804	1548.756	1548.676	1548.230	
Ex. Ground Offset	-10.000	-9.257	-0.371	0.567	3.360	4.007	5.390	6.649	

Chainage =74100.000

Level Datum =1544.000

Design Levels	1558.684	1556.656	1544.166	1544.144	1544.231	1544.144	1544.121	1546.705	1546.684	
Design Offset	-8.030	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.041	
Design Width	3.030	0.600	0.900	3.500	3.500	0.900	0.600			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2l	ES2l	TL2l	IA2L	
Ex. Ground Levels	1560.2[illegible]	1559.241	1555.340	1556.837	1555.081	1549.298	1547.325	1547.434	1546.169	1546.149
Ex. Ground Offset	-10.000	-8.861	-3.035	-0.995	0.498	2.107	2.811	3.618	6.018	6.905

Chainage =74200.000



Level Datum =1541.000

Design Levels	1562.888	1541.501	1541.479	1541.566	1541.479	1541.456	1549.786	1547.792
Design Offset	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.984
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.984	
Design Cut	TL20	ES20	CE20	LC20	CE2l	ES2l	TL2l	IA2L
Ex. Ground Levels	1562.513	1562.230	1556.424	1547.805	1546.134	1546.163	1545.961	
Ex. Ground Offset	-4.386	-3.905	1.715	5.980	6.507	6.847	7.733	

Chainage =74300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 92
Scale :-	NTS
Sheet :	92 of End
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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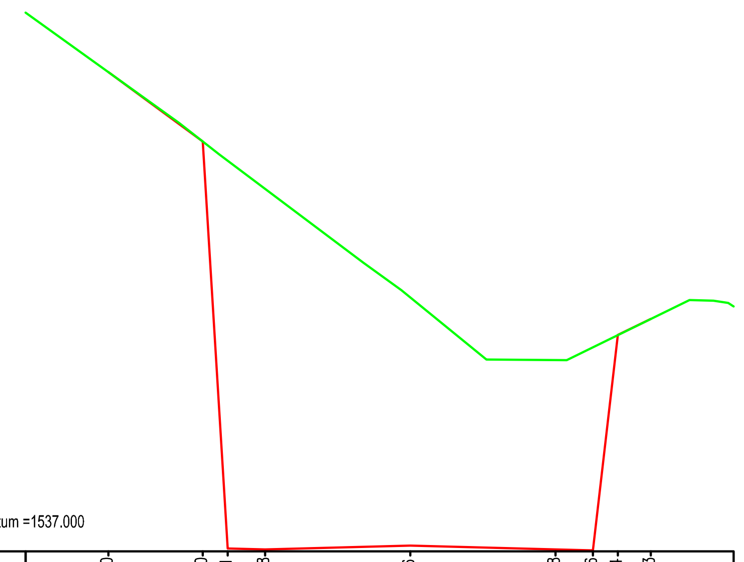
Level Datum =1535.000

Design Levels	1554.150	1549.585	1540.024	1540.002	1540.089	1540.002	1539.979	1540.151	1539.267		
Design Offset	-7.931	-5.000	-4.400	-3.500	0.000	3.500	4.400	4.443	5.000		
Design Width	2.931	0.600	0.900	3.500	3.500	0.900	0.043				
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	IA2L	TL2I		
Ex. Ground Levels	1553.454	1548.577	1545.005	1544.337	1544.334	1543.256	1543.247	1543.235	1543.252	1540.345	1536.377
Ex. Ground Offset	-7.129	-4.445	-2.347	-1.963	-1.784	1.541	2.884	3.407	3.797	4.321	6.821

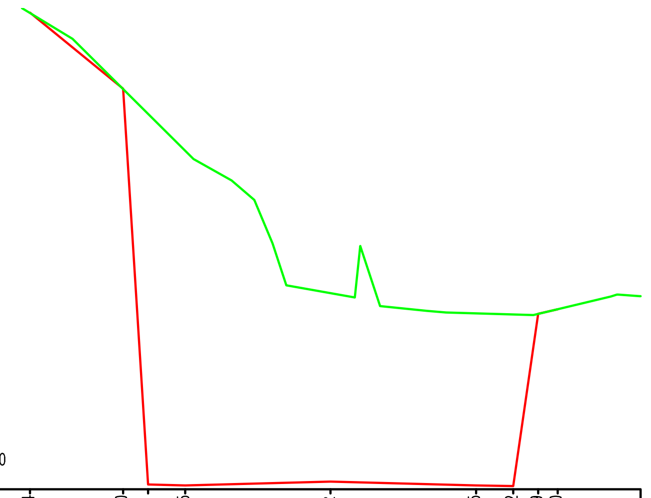
Chainage =74350.000



Level Datum =1537.000

Design Levels	1548.550	1546.880	1537.071	1537.048	1537.136	1537.048	1537.026	1542.214	1542.603
Design Offset	-7.270	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.794
Design Width	2.270	0.600	0.900	3.500	3.500	0.900	0.600	0.794	
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L
Ex. Ground Levels	1547.329	1546.571	1543.958	1543.294	1541.621	1541.612	1543.059	1543.045	1542.992
Ex. Ground Offset	-5.570	-4.609	-1.130	-0.216	1.839	3.770	6.726	7.308	7.664

Chainage =74450.000



Level Datum =1534.000

Design Levels	1545.484	1543.650	1534.117	1534.095	1534.182	1534.095	1534.072	1538.229	1538.340								
Design Offset	-7.242	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.467								
Design Width	2.242	0.600	0.900	3.500	3.500	0.900	0.600	0.467									
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L								
Ex. Ground Levels	1545.765	1544.859	1541.961	1541.442	1540.976	1539.927	1538.915	1538.623	1539.860	1538.414	1538.299	1538.261	1538.201	1538.201	1538.645	1538.691	1538.656
Ex. Ground Offset	-7.702	-6.218	-3.299	-2.387	-1.839	-1.399	-1.064	0.580	0.715	1.194	2.327	2.783	4.873	4.882	6.748	6.927	7.451

Chainage =74550.000

Level Datum =1531.000

Design Levels	1548.648	1547.462	1531.164	1531.141	1531.229	1531.141	1531.119	1536.907	1536.707		
Design Offset	-8.771	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.797		
Design Width	3.771	0.600	0.900	3.500	3.500	0.900	0.600	0.797			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L		
Ex. Ground Levels	1549.400	1547.278	1547.592	1547.502	1547.303	1541.493	1541.487	1539.469	1539.491	1537.317	1536.676
Ex. Ground Offset	-10.000	-6.531	-3.919	-3.122	-2.661	1.348	1.352	3.055	3.436	3.918	5.610

Chainage =74650.000

Level Datum =1538.000

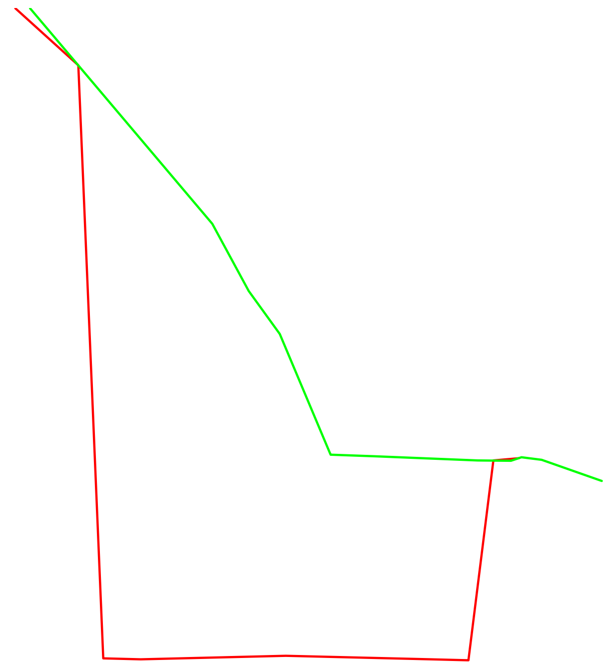
Design Levels	1558.584	1554.659	1538.548	1538.525	1538.613	1538.525	1538.503	1543.368	1543.345		
Design Offset	-9.409	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.610		
Design Width	4.409	0.600	0.900	3.500	3.500	0.900	0.600	0.610			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L		
Ex. Ground Levels	1558.997	1556.324	1551.413	1548.228	1546.207	1545.665	1544.284	1543.426	1543.406	1543.343	1543.340
Ex. Ground Offset	-10.000	-6.176	-2.705	-1.116	1.088	1.401	2.319	2.385	4.006	5.655	5.675

Chainage =74400.000

Level Datum =1535.000

Design Levels	1550.208	1548.257	1535.594	1535.572	1535.659	1535.572	1535.549	1538.713	1538.655	
Design Offset	-8.054	-5.000	-4.400	-3.500	0.000	3.500	4.400	5.000	5.176	
Design Width	3.054	0.600	0.900	3.500	3.500	0.900	0.600			
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L	
Ex. Ground Levels	1551.682	1551.550	1549.986	1546.453	1541.419	1540.581	1539.635	1539.651	1539.637	1538.122
Ex. Ground Offset	-10.000	-9.519	-7.808	-2.068	0.567	0.828	1.322	1.678	2.189	6.796

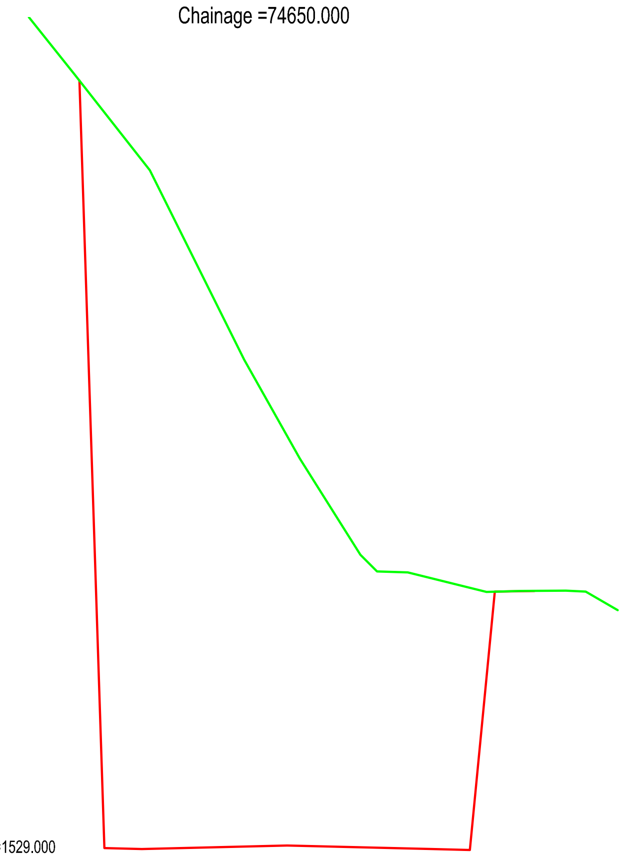
Chainage =74500.000



Level Datum =1532.000

Design Levels	1550.394	1546.915	1532.641	1532.618	1532.706	1532.618	1532.596	1537.402	1537.460			
Design Offset	-8.838	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.616			
Design Width	3.838	0.600	0.900	3.500	3.500	0.900	0.600	0.616				
Design Cut	IA23	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L			
Ex. Ground Levels	1551.293	1548.876	1548.617	1543.097	1541.485	1540.445	1537.541	1537.501	1537.403	1537.400	1537.479	1537.423
Ex. Ground Offset	-10.000	-6.875	-6.439	-1.771	-0.893	-0.149	1.077	2.152	4.625	5.424	5.677	6.163

Chainage =74600.000



Level Datum =1529.000

Design Levels	1548.164	1529.687	1529.664	1529.752	1529.664	1529.642	1535.863	1535.882				
Design Offset	-5.000	-4.400	-3.500	-0.000	3.500	4.400	5.000	5.960				
Design Width	0.600	0.900	3.500	3.500	0.900	0.600	0.960					
Design Cut	TL20	ES20	CE20	LC20	CE2I	ES2I	TL2I	IA2L				
Ex. Ground Levels	1550.236	1548.316	1546.011	1541.446	1539.068	1536.754	1536.352	1536.328	1535.857	1535.879	1535.887	1535.861
Ex. Ground Offset	-6.672	-5.120	-3.306	-1.031	0.304	1.767	2.167	2.906	4.799	5.615	6.712	7.191

Chainage =74700.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 93
Sheet :	93 of End
Scale :-	NTS
Drng.	
Dgn.by	
Appd.by	
Date:	OCT-2021

CONSULTANT:

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Level Datum =1528.000

Design Levels	1546.080, 1528.210, 1528.188, 1528.275, 1528.188, 1528.165, 1534.537, 1533.825
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.815
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.815
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1547.557, 1546.093, 1543.069, 1538.793, 1540.985, 1536.603, 1536.877, 1535.497, 1535.425, 1535.414
Ex. Ground Offset	−6.112, −5.010, −2.548, −1.776, −1.174, −0.551, 0.454, 1.494, 3.489, 3.996

Chainage =74750.000

Level Datum =1525.000

Design Levels	1539.818, 1537.226, 1525.257, 1525.234, 1525.322, 1525.234, 1525.212, 1531.183, 1530.546
Design Offset	−8.040, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.734
Design Width	3.040, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.734
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	[illegible], 1536.159, 1534.226, 1534.042, 1533.057, 1533.106, 1531.305, 1531.276
Ex. Ground Offset	−10.000, −3.749, −1.199, 0.136, 0.887, 1.549, 3.836, 4.893

Chainage =74850.000

Level Datum =1522.000

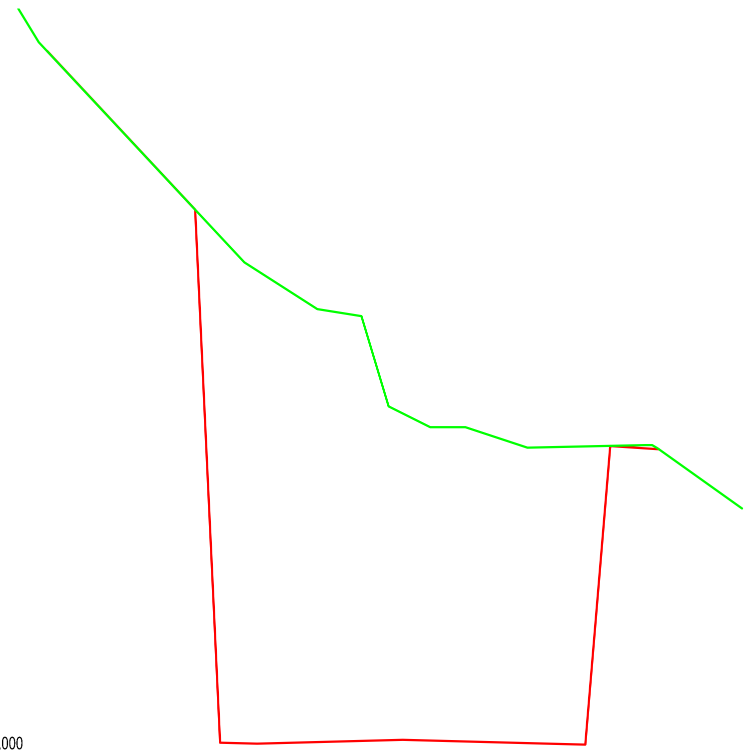
Design Levels	1543.276, 1540.127, 1522.303, 1522.281, 1522.368, 1522.281, 1522.258, 1527.265, 1526.960
Design Offset	−9.643, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.575
Design Width	4.643, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.575
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1543.509, 1540.529, 1540.002, 1528.661, 1528.642, 1527.729, 1527.703, 1527.681, 1527.503
Ex. Ground Offset	−10.000, −5.439, −4.865, −0.691, −0.682, 0.775, 2.612, 4.300, 4.550

Chainage =74950.000

Level Datum =1520.000

Design Levels	1536.468, 1532.461, 1520.826, 1520.804, 1520.891, 1520.804, 1520.781, 1525.709, 1525.373
Design Offset	−8.310, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.548
Design Width	3.310, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.548
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	[illegible], 1536.433, 1529.374, 1528.497, 1526.009, 1525.884, 1525.734, 1525.901, 1525.883, 1525.596
Ex. Ground Offset	−10.000, −8.248, −2.476, −1.730, −0.174, 1.319, 1.758, 3.420, 4.527, 5.305

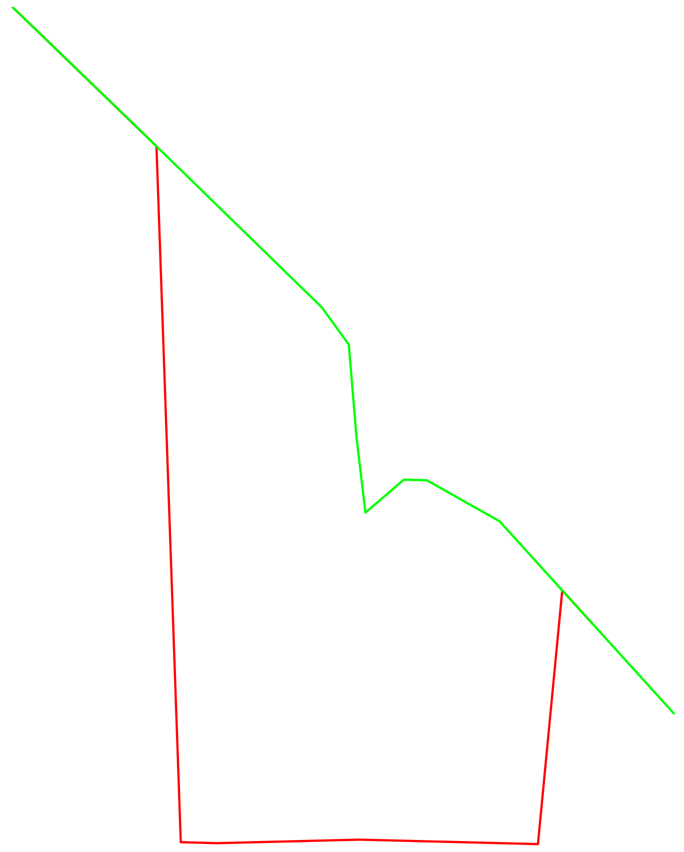
Chainage =75000.000



Level Datum =1526.000

Design Levels	1543.393, 1539.573, 1526.733, 1526.711, 1526.798, 1526.711, 1526.688, 1533.879, 1533.802
Design Offset	−8.565, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 6.178
Design Width	3.565, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 1.178
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1545.261, 1545.022, 1543.606, 1538.296, 1537.172, 1537.004, 1534.832, 1534.334, 1534.333, 1533.837, 1533.897, 1533.825
Ex. Ground Offset	−10.000, −9.628, −8.763, −3.809, −2.052, −0.987, −0.338, 0.662, 1.511, 3.009, 5.852, 6.147

Chainage =74800.000



Level Datum =1523.000

Design Levels	1545.636, 1540.925, 1523.780, 1523.757, 1523.845, 1523.757, 1523.735, 1529.980, 1529.150
Design Offset	−9.864, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.754
Design Width	4.864, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.754
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1545.767, 1541.466, 1536.953, 1536.040, 1531.901, 1532.715, 1532.695, 1531.688
Ex. Ground Offset	−10.000, −5.555, −0.923, −0.264, 0.148, 1.093, 1.661, 3.451

Chainage =74900.000

Level Datum =1520.000

Design Levels	1536.468, 1532.461, 1520.826, 1520.804, 1520.891, 1520.804, 1520.781, 1525.709, 1525.373
Design Offset	−8.310, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.548
Design Width	3.310, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.548
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	[illegible], 1536.433, 1529.374, 1528.497, 1526.009, 1525.884, 1525.734, 1525.901, 1525.883, 1525.596
Ex. Ground Offset	−10.000, −8.248, −2.476, −1.730, −0.174, 1.319, 1.758, 3.420, 4.527, 5.305

Chainage =75000.000

Level Datum =1519.000

Design Levels	1540.997, 1519.350, 1519.327, 1519.415, 1519.327, 1519.305, 1526.045, 1525.154
Design Offset	−5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 5.000, 5.862
Design Width	0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.862
Design Cut	TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	1537.215, 1535.322, 1531.061, 1529.501, 1529.852, 1527.327, 1526.419, 1523.495
Ex. Ground Offset	−1.209, −0.025, 2.783, 3.443, 3.554, 4.290, 4.638, 7.469

Chainage =75050.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/ 94		Sheet : 94 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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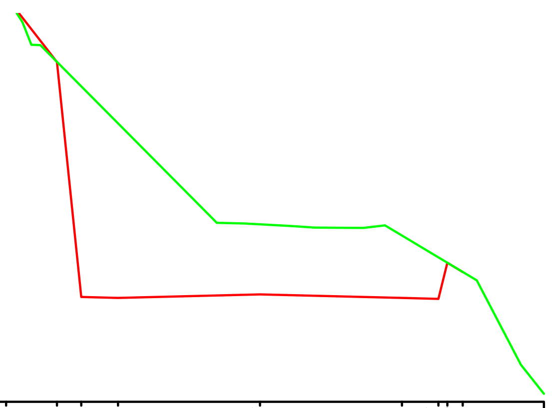


Level Datum =1502.000

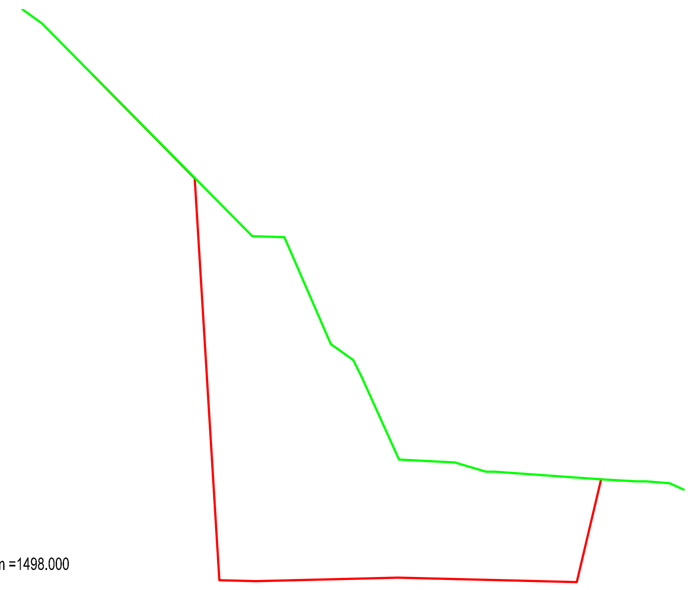
Design Levels	1511.994 1510.377 1504.582 1504.559 1504.647 1504.559 1504.537 1505.425 1505.198
Design Offset	−6.253 −5.000 −4.400 −3.500 −0.000 3.500 4.400 4.622 5.000
Design Width	1.253 0.600 0.900 3.500 3.500 0.900 0.222
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I IA2L TL2I
Ex. Ground Levels	1511.359 1510.795 1506.408 1506.397 1506.336 1506.296 1506.289 1506.345 1504.992 1502.908
Ex. Ground Offset	−5.853 −5.415 −1.061 −0.392 0.766 1.358 2.551 3.088 5.343 6.437

Chainage =75550.000

Level Datum =1501.000

Design Levels	1517.384 1513.978 1501.565 1501.542 1501.630 1501.542 1501.520 1504.439 1504.434
Design Offset	−8.355 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.129
Design Width	3.355 0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1518.357 1516.890 1511.403 1507.444 1506.311 1504.594 1504.450 1504.472 1504.395 1504.385
Ex. Ground Offset	−10.000 −7.528 −2.764 −0.467 0.150 2.335 4.108 4.237 6.048 6.062

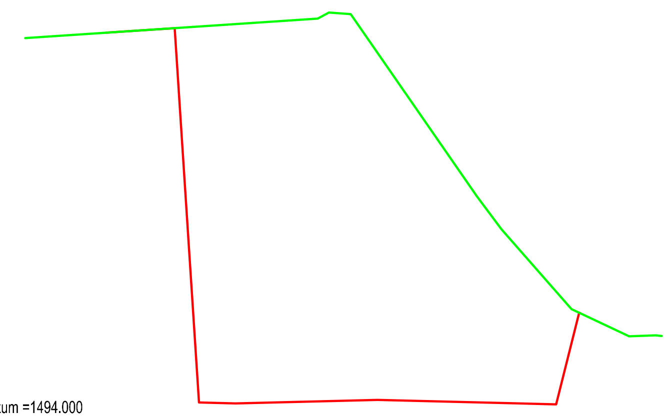
Chainage =75650.000



Level Datum =1498.000

Design Levels	1510.764 1508.223 1498.317 1498.294 1498.382 1498.294 1498.272 1500.806 1500.804
Design Offset	−7.512 −5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.033
Design Width	2.512 0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1512.033 1506.791 1506.771 1504.135 1503.745 1503.333 1501.292 1501.219 1500.995 1500.994 1500.804 1500.754 1500.754 1500.705
Ex. Ground Offset	−8.766 −3.585 −2.800 −1.651 −1.104 −0.892 0.028 1.399 2.173 2.395 5.025 5.858 6.103 6.689

Chainage =75750.000



Level Datum =1494.000

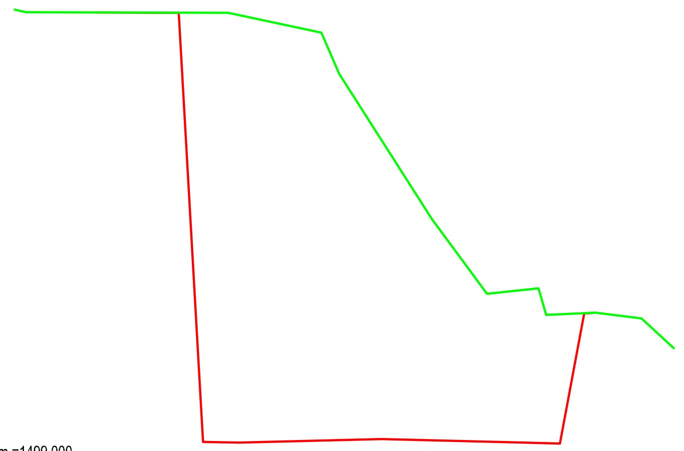
Design Levels	1503.959 1504.071 1494.835 1494.813 1494.900 1494.813 1494.790 1497.051 1497.034
Design Offset	−6.681 −5.000 −4.400 −3.500 0.000 3.500 4.400 4.965 5.000
Design Width	1.681 0.600 0.900 3.500 3.500 0.900 0.565
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I IA2L TL2I
Ex. Ground Levels	1504.305 1504.450 1504.416 1499.915 1499.112 1497.141 1496.466 1496.488
Ex. Ground Offset	−1.476 −1.199 −0.666 2.451 3.051 4.776 6.191 6.846

Chainage =75850.000

Level Datum =1503.000

Design Levels	1520.950 1517.164 1503.099 1503.076 1503.164 1503.076 1503.054 1508.984 1508.196
Design Offset	−8.863 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.686
Design Width	3.863 0.600 0.900 3.500 3.500 0.900 0.600 0.686
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1522.108 1520.148 1515.856 1511.905 1510.207 1509.249 1509.165 1506.018
Ex. Ground Offset	−10.000 −8.075 −3.652 1.278 2.741 4.713 4.842 7.582

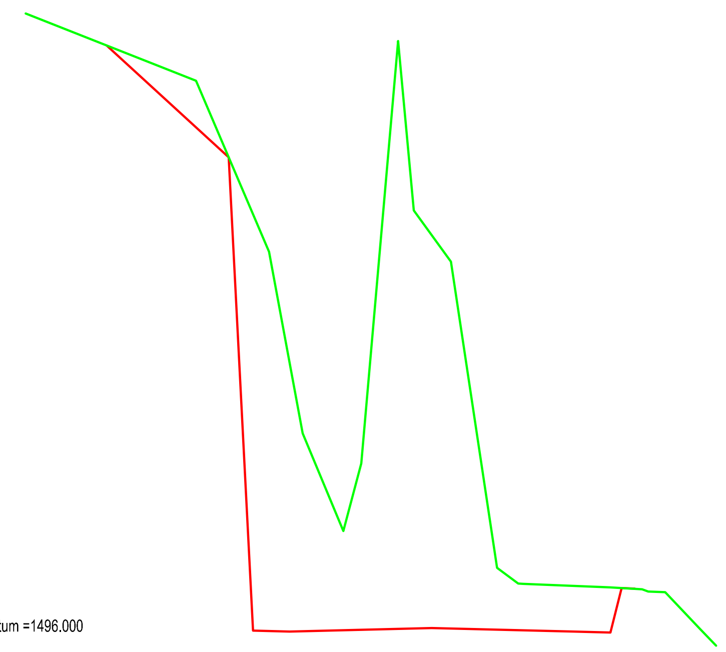
Chainage =75600.000



Level Datum =1499.000

Design Levels	1510.549 1510.542 1499.971 1499.948 1500.036 1499.948 1499.926 1503.136 1503.145
Design Offset	−7.045 −5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.205
Design Width	2.045 0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1510.556 1510.538 1510.049 1509.035 1505.453 1503.616 1503.749 1503.094 1503.149 1503.011
Ex. Ground Offset	−8.768 −3.777 −1.484 −1.038 1.245 2.601 3.872 4.064 5.275 6.413

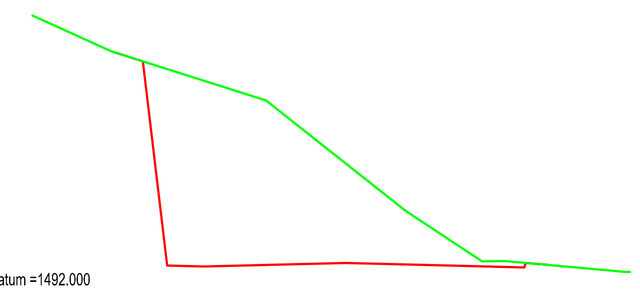
Chainage =75700.000



Level Datum =1496.000

Design Levels	1511.008 1508.259 1496.603 1496.580 1496.668 1496.580 1496.558 1497.652 1497.634
Design Offset	−8.001 −5.000 −4.400 −3.500 −0.000 3.500 4.400 4.674 5.000
Design Width	3.001 0.600 0.900 3.500 3.500 0.900 0.274
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I IA2L TL2I
Ex. Ground Levels	[illegible] 1510.142 1505.929 1501.463 1499.051 1500.721 1511.117 1506.944 1505.685 1498.145 1497.760 1497.735 1497.668 1497.623 1497.563 1497.549 1496.654
Ex. Ground Offset	−10.000 −5.802 −4.008 −3.173 −2.175 −1.734 −0.828 −0.442 0.471 1.608 2.134 2.247 4.394 5.182 5.334 5.746 6.595

Chainage =75800.000



Level Datum =1492.000

Design Levels	1498.312 1498.085 1493.059 1493.037 1493.124 1493.037 1493.014 1493.126 1493.075
Design Offset	−5.713 −5.000 −4.400 −3.500 −0.000 3.500 4.400 4.428 5.000
Design Width	0.713 0.600 0.900 3.500 3.500 0.900 0.028
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I IA2L TL2I
Ex. Ground Levels	1498.330 1497.121 1494.399 1493.160 1493.173 1492.903
Ex. Ground Offset	−5.770 −1.959 1.483 3.359 3.914 6.901

Chainage =75900.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 95			Sheet : 95 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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PH:0120-2400144

Level Datum =1491.000

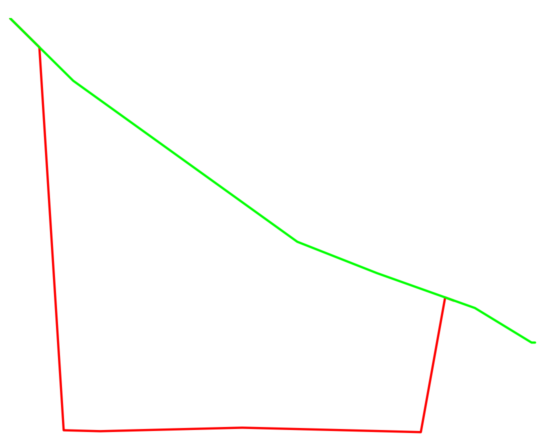
Design Levels	1497.555 1497.217 1491.283 1491.261 1491.348 1491.261 1491.238 1491.671 1491.582
Design Offset	−5.968 −5.000 −4.400 −3.500 −0.000 3.500 4.400 4.508 5.000
Design Width	0.968 0.600 0.900 3.500 3.500 0.900 0.108
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I IA2L TL2I
Ex. Ground Levels	1497.515 1496.724 1494.955 1493.604 1492.883 1491.873 1491.927 1491.911 1491.533 1491.676
Ex. Ground Offset	−5.769 −3.726 −1.583 −0.378 0.863 1.799 2.311 3.180 5.274 5.971

Chainage =75950.000

Level Datum =1489.000

Design Levels	1499.254 1498.379 1489.507 1489.484 1489.572 1489.484 1489.462 1491.710 1491.709
Design Offset	−6.837 −5.000 −4.400 −3.500 −0.000 3.500 4.400 4.962 5.000
Design Width	1.837 0.600 0.900 3.500 3.500 0.900 0.562
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I IA2L TL2I
Ex. Ground Levels	1499.949 1497.323 1496.711 1495.489 1493.040 1492.517 1491.734 1491.701 1491.679 1491.685
Ex. Ground Offset	−8.299 −2.779 −1.031 1.098 2.164 2.416 4.014 5.318 5.975 6.837

Chainage =76000.000



Level Datum =1487.000

Design Levels	1499.496 1497.170 1487.731 1487.708 1487.796 1487.708 1487.686 1491.002 1490.928
Design Offset	−7.341 −5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.210
Design Width	2.341 0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1500.043 1496.338 1492.378 1491.600 1490.744 1489.895
Ex. Ground Offset	−7.891 −4.162 1.357 3.317 5.728 7.122

Chainage =76050.000

Level Datum =1485.000

Design Levels	1499.453 1496.329 1485.954 1485.932 1486.019 1485.932 1485.909 1489.015 1489.004
Design Offset	−7.775 −5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.174
Design Width	2.775 0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1498.955 1495.624 1495.886 1494.260 1489.491 1489.098 1489.074 1489.078 1489.116 1489.085 1488.980 1488.153
Ex. Ground Offset	−7.188 −4.413 −3.013 −0.423 1.824 1.922 3.082 3.372 3.593 3.942 5.546 6.727

Chainage =76100.000

Level Datum =1484.000

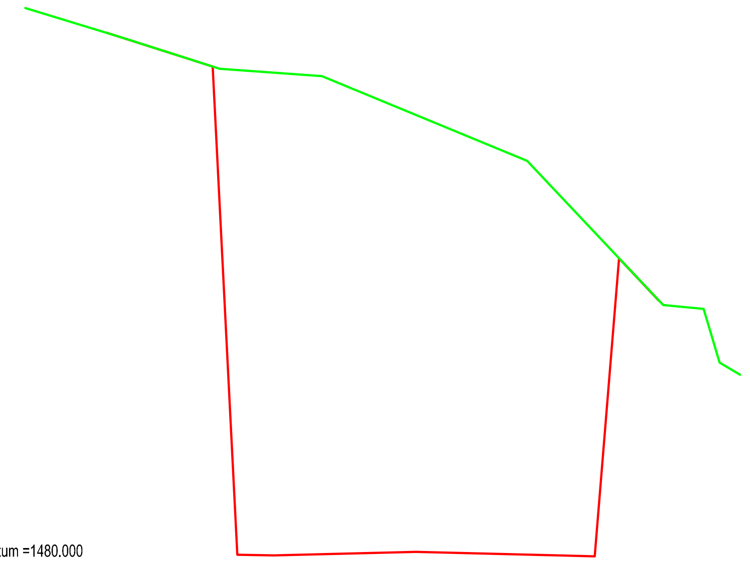
Design Levels	1500.286 1498.024 1484.178 1484.156 1484.243 1484.156 1484.133 1488.014 1487.736
Design Offset	−8.427 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.301
Design Width	3.427 0.600 0.900 3.500 3.500 0.900 0.600 0.301
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1500.452 1500.223 1497.766 1489.932 1489.326 1487.708 1487.463
Ex. Ground Offset	−10.000 −7.754 −4.677 2.459 3.576 5.331 5.825

Chainage =76150.000

Level Datum =1482.000

Design Levels	1491.785 1489.610 1482.402 1482.379 1482.467 1482.379 1482.357 1485.162 1485.115
Design Offset	−6.746 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.090
Design Width	1.746 0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1493.119 1491.066 1488.652 1487.099 1486.517 1486.041 1485.983 1485.999 1485.976 1485.972 1485.606
Ex. Ground Offset	−7.794 −6.180 −4.223 −1.546 −0.747 −0.324 0.023 1.595 3.284 3.365 4.149

Chainage =76200.000



Level Datum =1480.000

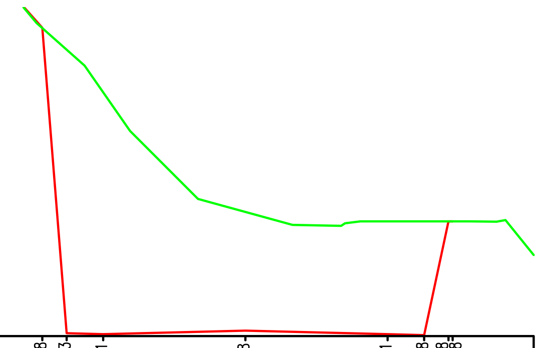
Design Levels	1493.497 1492.664 1480.626 1480.603 1480.691 1480.603 1480.581 1487.933 1486.894
Design Offset	−7.618 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.978
Design Width	2.618 0.600 0.900 3.500 3.500 0.900 0.600 0.978
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1493.375 1492.609 1492.428 1490.335 1486.777 1486.684 1485.365
Ex. Ground Offset	−7.218 −4.828 −2.313 2.737 6.089 7.086 7.480

Chainage =76250.000

Level Datum =1478.000

Design Levels	1489.519 1487.328 1478.850 1478.827 1478.915 1478.827 1478.805 1482.090 1482.085
Design Offset	−7.067 −5.000 −4.400 −3.500 −0.000 3.500 4.400 5.000 5.220
Design Width	2.067 0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1486.070 1485.695 1483.001 1482.712 1482.272 1482.172 1482.166 1482.096 1482.079
Ex. Ground Offset	−3.813 −1.635 −0.418 0.538 2.524 2.824 3.151 4.740 5.487

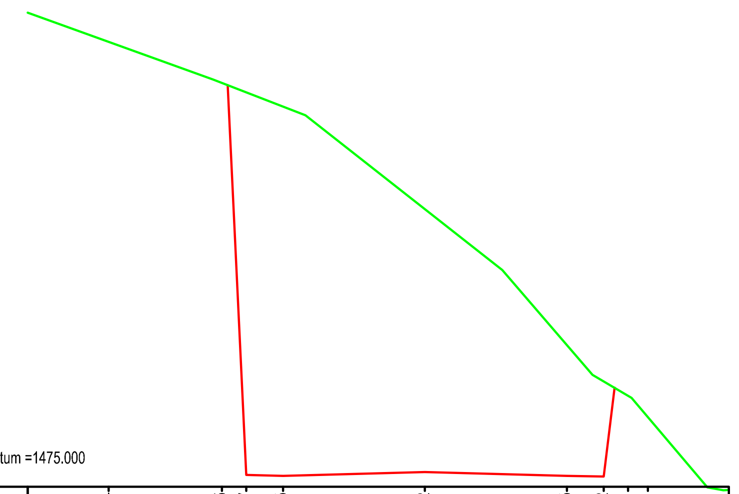
Chainage =76300.000



Level Datum =1477.000

Design Levels	1486.624 1484.588 1477.073 1477.051 1477.138 1477.051 1477.028 1479.828 1479.828
Design Offset	−6.788 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.100
Design Width	1.788 0.600 0.900 3.500 3.500 0.900 0.600
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1486.410 1484.711 1483.660 1482.049 1480.375 1479.739 1479.713 1479.775 1479.825 1479.828 1479.816 1479.860
Ex. Ground Offset	−6.575 −5.138 −3.955 −2.842 −1.164 1.158 2.355 2.453 2.833 5.517 6.182 6.402

Chainage =76350.000



Level Datum =1475.000

Design Levels	1488.864 1487.853 1475.297 1475.275 1475.362 1475.275 1475.252 1480.139 1479.611
Design Offset	−7.792 −5.000 −4.400 −3.500 0.000 3.500 4.400 5.000 5.490
Design Width	2.792 0.600 0.900 3.500 3.500 0.900 0.600 0.490
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I ES2I TL2I IA2L
Ex. Ground Levels	1487.938 1487.056 1483.241 1480.651 1480.088 1477.875 1477.810
Ex. Ground Offset	−5.219 −2.942 1.905 4.131 5.087 6.956 7.355

Chainage =76400.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title: Cross Section
Chainage :-
Drawing No. :- AIPPL/BRO/DPR/CS/ 96
Sheet : 96 of End
Scale :- NTS
Drng. | Dgn.by | Appd.by
Date: OCT-2021

CONSULTANT:
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PH:0120-2400144

Level Datum =1473.000

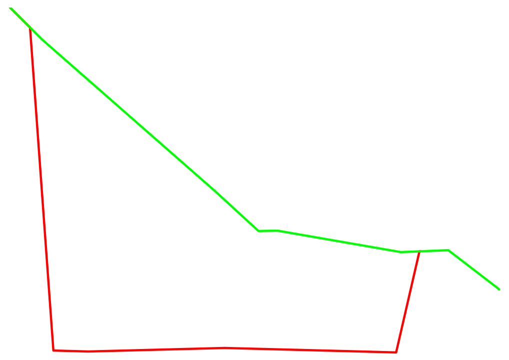
Row	Values
Design Levels	1488.918, 1487.786, 1473.521, 1473.498, 1473.586, 1473.498, 1473.476, 1476.669, 1476.667
Design Offset	-8.249, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.198
Design Width	3.249, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, TL2l, IA2L
Ex. Ground Levels	1489.622, 1488.934, 1487.939, 1487.436, 1484.110, 1476.939, 1476.727, 1476.981, 1476.580, 1476.694, 1476.701, 1476.665, 1476.639, 1476.501, 1476.389
Ex. Ground Offset	-10.000, -8.293, -5.513, -3.821, -2.173, -0.595, -0.376, -0.105, 0.807, 1.266, 2.095, 5.369, 5.692, 6.209, 6.378

Chainage =76450.000

Level Datum =1471.000

Row	Values
Design Levels	1480.816, 1479.692, 1471.745, 1471.722, 1471.810, 1471.722, 1471.700, 1473.605, 1473.601
Design Offset	-6.668, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.876, 5.000
Design Width	1.668, 0.600, 0.900, 3.500, 3.500, 0.900, 0.476
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1482.187, 1480.619, 1478.556, 1478.265, 1478.073, 1474.176, 1474.138, 1473.604, 1473.605, 1473.589
Ex. Ground Offset	-8.350, -6.427, -3.251, -3.015, -2.753, 0.947, 1.741, 3.701, 4.853, 5.478

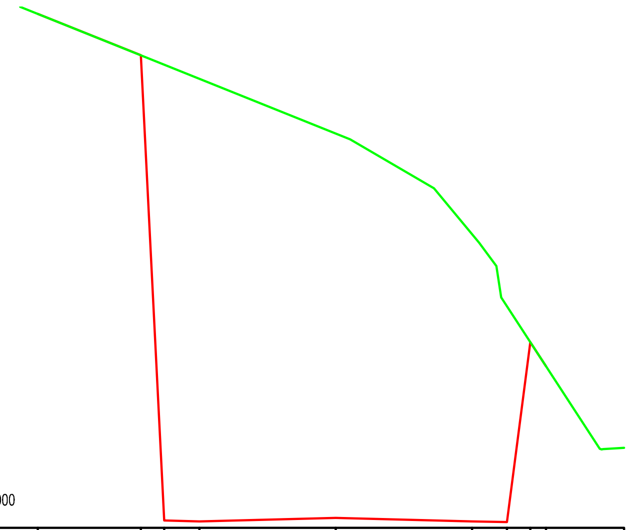
Chainage =76500.000



Level Datum =1469.000

Row	Values
Design Levels	1480.264, 1478.282, 1469.968, 1469.946, 1470.033, 1469.946, 1469.923, 1472.523, 1472.525
Design Offset	-6.974, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 5.000, 5.050
Design Width	1.974, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, TL2l, IA2L
Ex. Ground Levels	1477.965, 1474.070, 1473.047, 1473.050, 1472.505, 1472.549, 1471.563
Ex. Ground Offset	-4.685, -0.249, 0.868, 1.363, 4.522, 5.736, 7.018

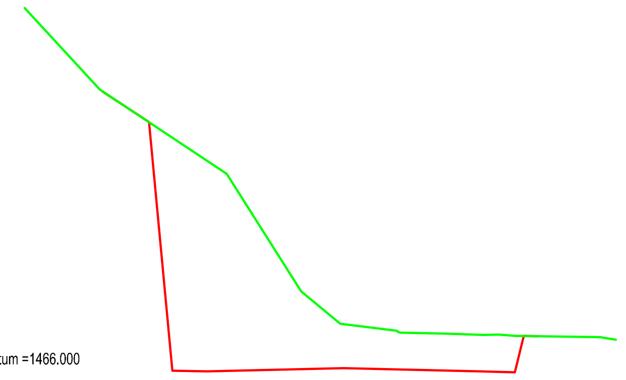
Chainage =76550.000



Level Datum =1468.000

Row	Values
Design Levels	1481.199, 1480.132, 1468.192, 1468.170, 1468.257, 1468.170, 1468.147, 1472.765, 1472.150
Design Offset	-7.652, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 5.000, 5.401
Design Width	2.652, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.401
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, TL2l, IA2L
Ex. Ground Levels	1477.972, 1476.720, 1475.321, 1474.726, 1473.920, 1470.032, 1470.020
Ex. Ground Offset	0.368, 2.522, 3.681, 4.126, 4.248, 6.780, 6.859

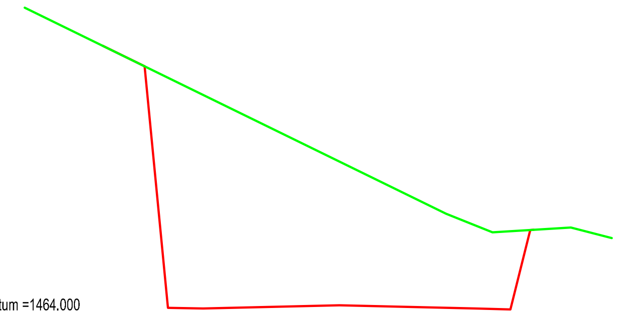
Chainage =76600.000



Level Datum =1466.000

Row	Values
Design Levels	1473.596, 1472.802, 1466.416, 1466.394, 1466.481, 1466.394, 1466.371, 1467.307, 1467.302
Design Offset	-6.195, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.634, 5.000
Design Width	1.195, 0.600, 0.900, 3.500, 3.500, 0.900, 0.234
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1473.642, 1471.475, 1468.452, 1467.617, 1467.436, 1467.389, 1467.366, 1467.332, 1467.340, 1467.311, 1467.277
Ex. Ground Offset	-6.264, -3.001, -1.084, -0.088, 1.373, 1.501, 2.632, 3.591, 3.995, 4.406, 6.593

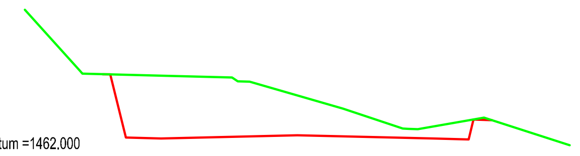
Chainage =76650.000



Level Datum =1464.000

Row	Values
Design Levels	1471.362, 1470.834, 1464.640, 1464.617, 1464.705, 1464.617, 1464.595, 1466.633, 1466.638
Design Offset	-6.081, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.909, 5.000
Design Width	1.081, 0.600, 0.900, 3.500, 3.500, 0.900, 0.509
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1467.053, 1466.573, 1466.697
Ex. Ground Offset	2.746, 3.937, 5.951

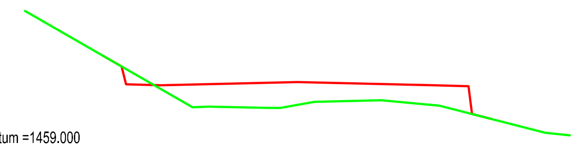
Chainage =76700.000



Level Datum =1462.000

Row	Values
Design Levels	1464.489, 1464.485, 1462.864, 1462.841, 1462.929, 1462.841, 1462.819, 1463.326, 1463.309
Design Offset	-5.000, -4.805, -4.400, -3.500, -0.000, 3.500, 4.400, 4.527, 5.000
Design Width	0.195, 0.900, 3.500, 3.500, 0.900, 0.127
Design Cut	TL20, IA23, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1464.559, 1464.502, 1464.448, 1464.406, 1464.305, 1464.293, 1463.608, 1463.095, 1463.088, 1463.083, 1463.373
Ex. Ground Offset	-5.572, -5.521, -3.291, -1.675, -1.525, -1.222, 1.174, 2.713, 2.852, 3.093, 4.800

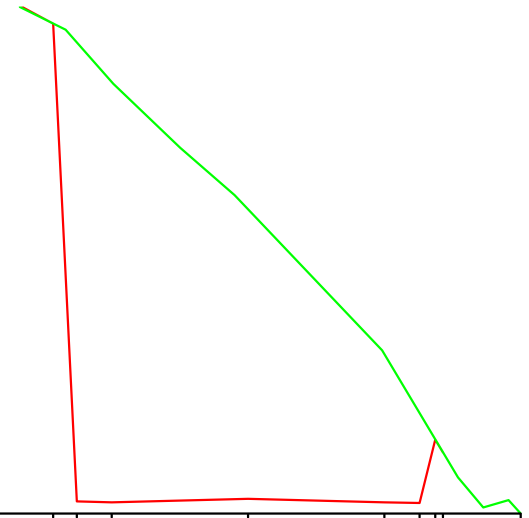
Chainage =76750.000



Level Datum =1459.000

Row	Values
Design Levels	1461.831, 1461.552, 1461.087, 1461.065, 1461.152, 1461.065, 1461.042, 1460.328, 1460.197
Design Offset	-5.000, -4.516, -4.400, -3.500, 0.000, 3.500, 4.400, 4.489, 5.000
Design Width	0.484, 0.900, 3.500, 3.500, 0.900, 0.089
Design Cut	TL20, IA23, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1460.500, 1460.513, 1460.485, 1460.480, 1460.636, 1460.676, 1460.544, 1459.844
Ex. Ground Offset	-2.689, -2.271, -0.745, -0.428, 0.438, 2.160, 3.649, 6.374

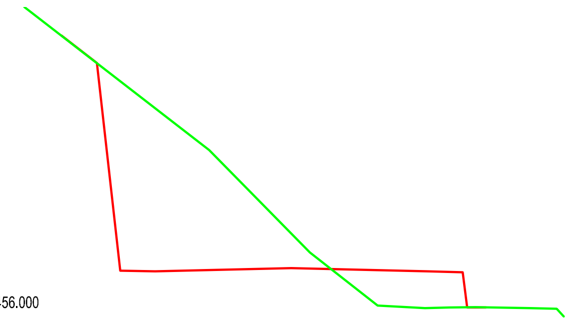
Chainage =76800.000



Level Datum =1459.000

Row	Values
Design Levels	1473.095, 1471.576, 1459.311, 1459.289, 1459.376, 1459.289, 1459.266, 1460.594, 1460.570
Design Offset	-7.846, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.807, 5.000
Design Width	2.846, 0.600, 0.900, 3.500, 3.500, 0.900, 0.407
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1473.839, 1472.724, 1471.419, 1470.029, 1468.387, 1467.172, 1463.184, 1459.924, 1459.158, 1459.342
Ex. Ground Offset	-8.943, -7.300, -4.684, -3.459, -1.740, -0.344, 3.441, 5.385, 6.041, 6.689

Chainage =76850.000



Level Datum =1456.000

Row	Values
Design Levels	1463.566, 1462.863, 1457.535, 1457.512, 1457.600, 1457.512, 1457.490, 1456.591, 1456.589
Design Offset	-5.908, -5.000, -4.400, -3.500, -0.000, 3.500, 4.400, 4.512, 5.000
Design Width	0.908, 0.600, 0.900, 3.500, 3.500, 0.900, 0.112
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1460.629, 1457.997, 1456.637, 1456.575, 1456.587, 1456.593, 1456.572, 1456.558
Ex. Ground Offset	-2.116, 0.471, 2.217, 3.430, 4.059, 4.726, 6.127, 6.814

Chainage =76900.000

Level Datum =1454.000

Row	Values
Design Levels	1462.595, 1461.763, 1455.759, 1455.736, 1455.824, 1455.736, 1455.714, 1455.253, 1455.330
Design Offset	-6.109, -5.000, -4.400, -3.500, 0.000, 3.500, 4.400, 4.458, 5.000
Design Width	1.109, 0.600, 0.900, 3.500, 3.500, 0.900, 0.058
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1463.620, 1462.994, 1460.630, 1456.981, 1455.988, 1455.988, 1455.980, 1455.223, 1455.332, 1455.319
Ex. Ground Offset	-7.580, -6.641, -3.490, -0.656, 0.080, 0.476, 0.912, 4.243, 5.014, 5.614

Chainage =76950.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : KAYING - TATO SECTION - II From Km 27+275 to Km 78+228

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section	
Chainage :-		
Drawing No. :- AIPPL/BRO/DPR/CS/ 97		Sheet : 97 of End
Scale :- NTS		
Drng.	Dgn.by	Appd.by
		Date: OCT-2021

CONSULTANT:

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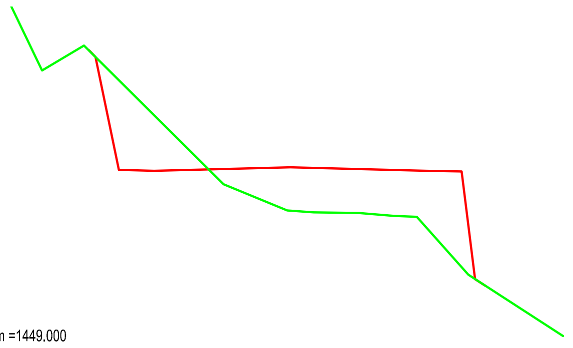
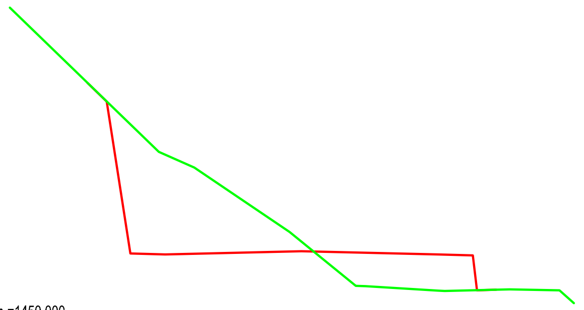


Level Datum =1449.000

Row	Values
Design Levels	1457.050, 1456.884, 1453.982, 1453.960, 1454.047, 1453.960, 1453.937, 1451.175, 1451.010
Design Offset	−5.167, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.745, 5.000
Design Width	0.167, 0.900, 3.500, 3.500, 0.900, 0.345
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1456.539, 1457.178, 1453.613, 1452.937, 1452.885, 1452.876, 1452.799, 1452.776, 1451.287
Ex. Ground Offset	−6.374, −5.296, −1.711, −0.082, 0.607, 1.759, 2.658, 3.252, 4.572

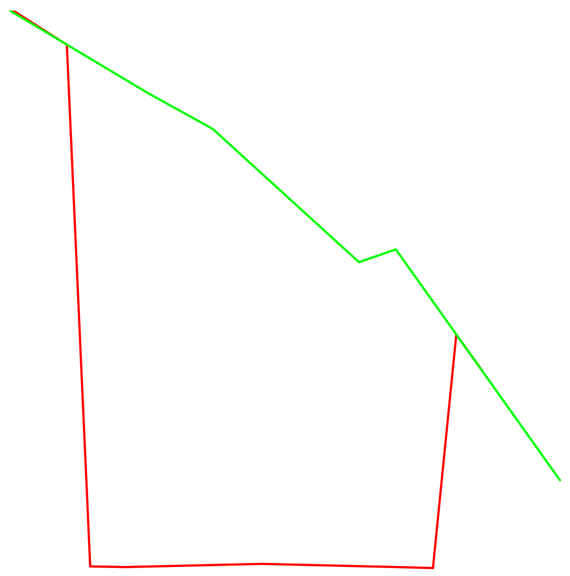
Chainage =77000.000



Level Datum =1450.000

Row	Values
Design Levels	1456.578, 1456.103, 1452.206, 1452.184, 1452.271, 1452.184, 1452.161, 1451.269, 1451.281
Design Offset	−5.493, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.512, 5.000
Design Width	0.493, 0.600, 0.900, 3.500, 3.500, 0.900, 0.112
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1454.815, 1454.410, 1452.760, 1451.383, 1451.370, 1451.255, 1451.249, 1451.289, 1451.266
Ex. Ground Offset	−3.666, −2.753, −0.302, 1.393, 1.644, 3.513, 3.863, 5.348, 6.628

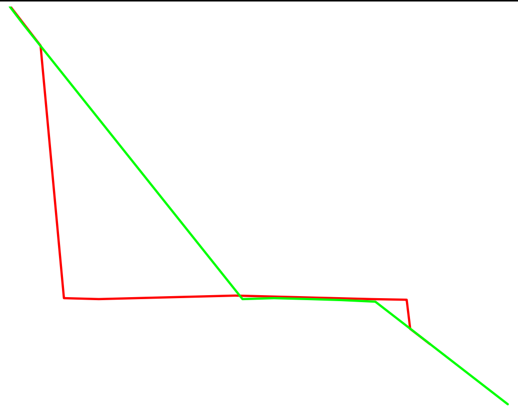
Chainage =77050.000



Level Datum =1450.000

Row	Values
Design Levels	1465.887, 1463.815, 1450.430, 1450.408, 1450.495, 1450.408, 1450.385, 1456.379, 1455.445
Design Offset	−8.264, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 5.000, 5.665
Design Width	3.264, 0.600, 0.900, 3.500, 3.500, 0.900, 0.600, 0.665
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, TL2I, IA2L
Ex. Ground Levels	[illegible], 1465.481, 1464.982, 1462.558, 1461.649, 1458.230, 1458.559
Ex. Ground Offset	[illegible], −7.593, −6.951, −2.900, −1.255, 2.505, 3.449

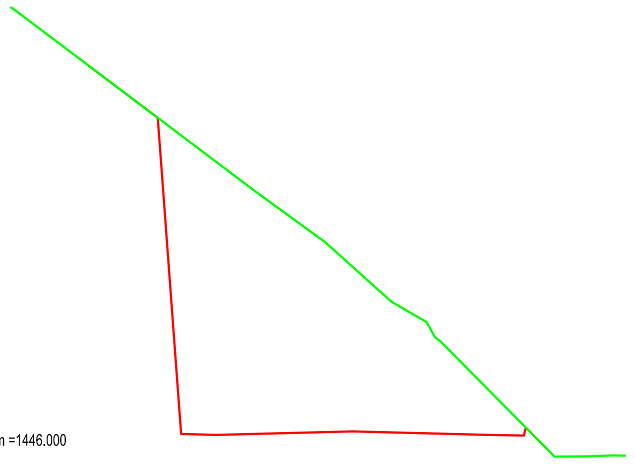
Chainage =77100.000



Level Datum =1445.000

Row	Values
Design Levels	1457.120, 1455.142, 1448.654, 1448.631, 1448.719, 1448.631, 1448.609, 1447.864, 1447.471
Design Offset	−6.517, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.493, 5.000
Design Width	1.517, 0.600, 0.900, 3.500, 3.500, 0.900, 0.093
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1457.120, 1455.706, 1448.626, 1448.652, 1448.624, 1448.601, 1448.560
Ex. Ground Offset	−6.517, −5.448, 0.183, 0.991, 1.927, 2.717, 3.596

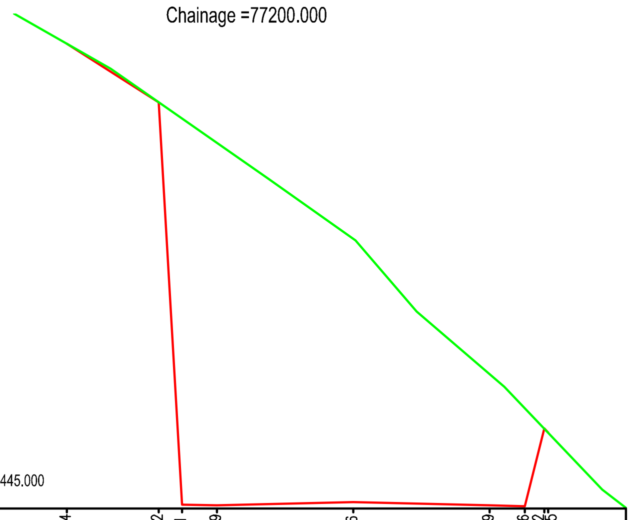
Chainage =77150.000



Level Datum =1446.000

Row	Values
Design Levels	1456.332, 1455.002, 1446.878, 1446.855, 1446.943, 1446.855, 1446.833, 1447.037, 1446.482
Design Offset	−6.764, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.451, 5.000
Design Width	1.764, 0.600, 0.900, 3.500, 3.500, 0.900, 0.051
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	[illegible], 1453.104, 1451.804, 1450.276, 1449.751, 1449.259, 1446.289, 1446.301, 1446.324
Ex. Ground Offset	[illegible], −2.485, −0.698, 1.005, 1.904, 2.256, 5.190, 6.089, 6.704

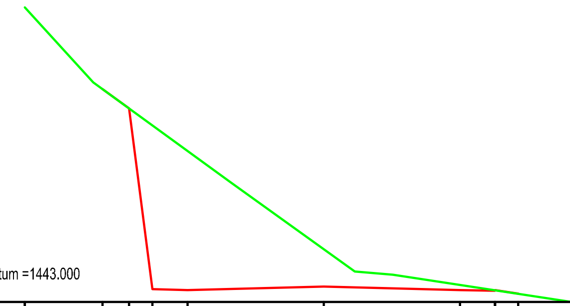
Chainage =77200.000



Level Datum =1445.000

Row	Values
Design Levels	1456.924, 1455.422, 1445.101, 1445.079, 1445.166, 1445.079, 1445.056, 1447.052, 1446.945
Design Offset	−7.356, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.899, 5.000
Design Width	2.356, 0.600, 0.900, 3.500, 3.500, 0.900, 0.499
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1456.280, 1453.465, 1451.880, 1450.051, 1448.125, 1445.482
Ex. Ground Offset	−6.231, −2.190, 0.056, 1.625, 3.878, 6.392

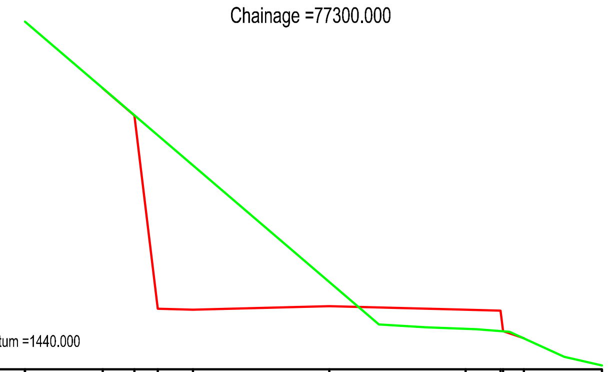
Chainage =77250.000



Level Datum =1443.000

Row	Values
Design Levels	1448.450, 1447.956, 1443.325, 1443.303, 1443.390, 1443.303, 1443.280, 1443.297, 1443.206
Design Offset	−5.681, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.404, 5.000
Design Width	0.681, 0.600, 0.900, 3.500, 3.500, 0.900, 0.004
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1448.623, 1446.062, 1443.773, 1443.695, 1443.007, 1443.029
Ex. Ground Offset	−5.920, −2.389, 0.801, 1.777, 6.316, 6.987

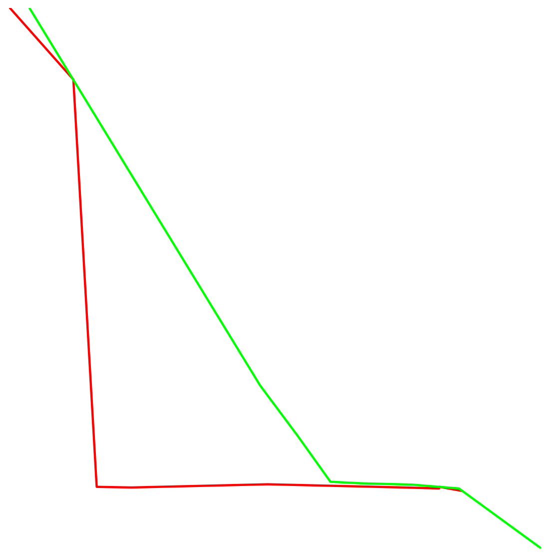
Chainage =77300.000



Level Datum =1440.000

Row	Values
Design Levels	1447.206, 1446.510, 1441.549, 1441.526, 1441.614, 1441.526, 1441.504, 1440.976, 1440.794
Design Offset	−5.814, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.466, 5.000
Design Width	0.814, 0.600, 0.900, 3.500, 3.500, 0.900, 0.066
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1441.146, 1441.079, 1441.025, 1440.964, 1440.320
Ex. Ground Offset	1.273, 2.488, 3.786, 4.627, 6.036

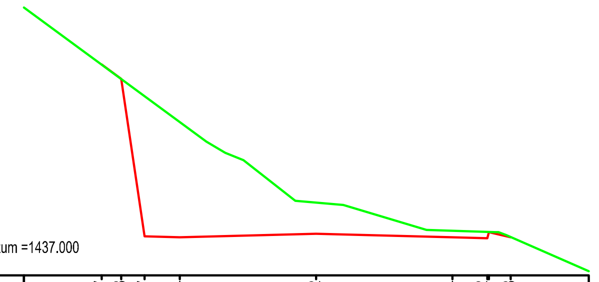
Chainage =77350.000



Level Datum =1438.000

Row	Values
Design Levels	1453.401, 1450.226, 1439.773, 1439.750, 1439.838, 1439.750, 1439.728, 1439.769, 1439.661
Design Offset	−7.807, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.410, 5.000
Design Width	2.807, 0.600, 0.900, 3.500, 3.500, 0.900, 0.010
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1454.072, 1452.133, 1442.375, 1441.112, 1439.906, 1439.863, 1439.830, 1439.726
Ex. Ground Offset	−8.675, −6.166, −0.200, 0.747, 1.604, 2.414, 3.704, 4.910

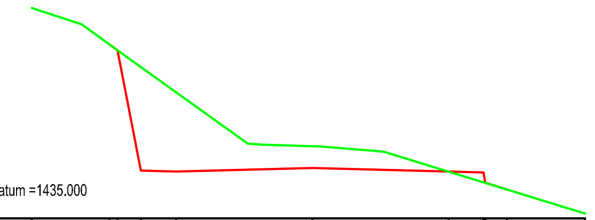
Chainage =77400.000



Level Datum =1437.000

Row	Values
Design Levels	1442.407, 1442.038, 1437.997, 1437.974, 1438.062, 1437.974, 1437.952, 1438.110, 1437.978
Design Offset	−5.503, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.440, 5.000
Design Width	0.503, 0.600, 0.900, 3.500, 3.500, 0.900, 0.040
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1440.432, 1440.146, 1439.957, 1438.915, 1438.805, 1438.162, 1438.105, 1438.030
Ex. Ground Offset	−2.813, −2.335, −1.861, −0.533, 0.699, 2.836, 4.602, 4.881

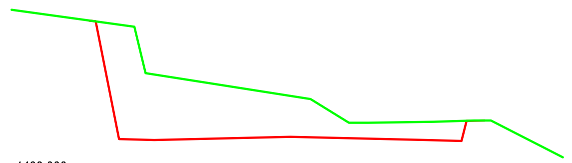
Chainage =77450.000



Level Datum =1435.000

Row	Values
Design Levels	1439.447, 1439.299, 1436.220, 1436.198, 1436.285, 1436.198, 1436.175, 1435.907, 1435.734
Design Offset	−5.207, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.434, 5.000
Design Width	0.207, 0.900, 3.500, 3.500, 0.900, 0.034
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1439.964, 1439.109, 1436.907, 1436.884, 1436.835, 1436.742, 1436.704
Ex. Ground Offset	−5.927, −4.736, −1.657, −1.334, 0.223, 1.430, 1.828

Chainage =77500.000



Level Datum =1433.000

Row	Values
Design Levels	1437.491, 1437.468, 1434.444, 1434.422, 1434.509, 1434.422, 1434.399, 1434.918, 1434.922
Design Offset	−5.162, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.530, 5.000
Design Width	0.162, 0.900, 3.500, 3.500, 0.900, 0.130
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2I, ES2I, IA2L, TL2I
Ex. Ground Levels	1437.330, 1436.144, 1435.473, 1434.867, 1434.866, 1434.888, 1434.925, 1434.921
Ex. Ground Offset	−4.006, −3.722, 0.521, 1.505, 2.010, 3.685, 4.725, 5.150

Chainage =77550.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section
Chainage :-	
Drawing No. :-	AIPPL/BRO/DPR/CS/ 98
Sheet :	98 of End
Scale :-	NTS
Drng. / Dgn.by / Appd.by	
Date:	OCT-2021

CONSULTANT:
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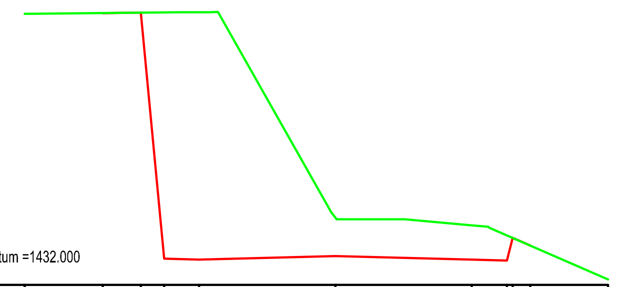

Level Datum =1432.000

Design Levels	1438.976, 1438.986, 1432.668, 1432.645, 1432.733, 1432.645, 1432.623, 1433.206, 1433.009
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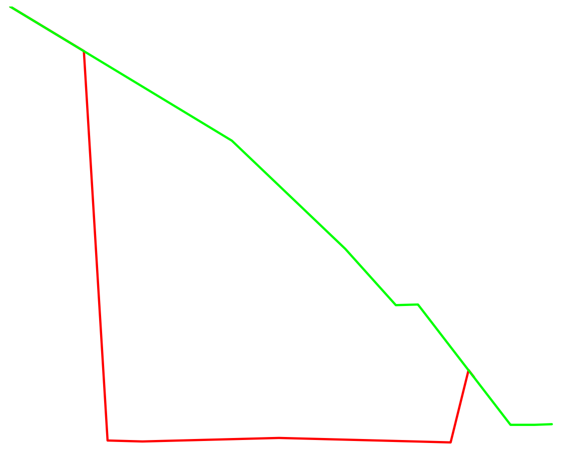
Design Width	0.977, 0.600, 0.900, 3.500, 3.500, 0.900, 0.146
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1438.996, 1438.998, 1439.003, 1433.864, 1433.679, 1433.685, 1433.682, 1433.525, 1433.489, 1433.463
Ex. Ground Offset	−3.963, −3.221, −3.015, −0.106, 0.530, 1.208, 1.785, 3.499, 3.895, 3.955

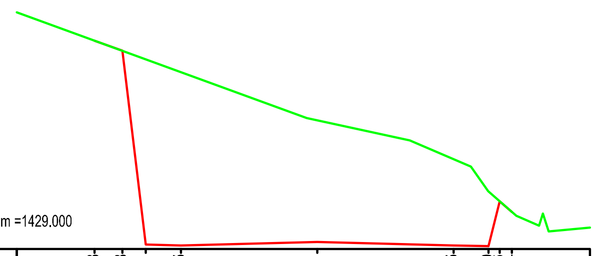
Chainage =77600.000



Level Datum =1430.000

Design Levels	1442.245, 1440.890, 1430.892, 1430.869, 1430.957, 1430.869, 1430.847, 1432.700, 1432.522
Design Offset	−7.238, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.863, 5.000
Design Width	2.238, 0.600, 0.900, 3.500, 3.500, 0.900, 0.463
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1443.423, 1438.592, 1435.814, 1434.371, 1434.386, 1431.299, 1431.294
Ex. Ground Offset	−9.182, −1.204, 1.696, 3.000, 3.569, 5.940, 6.558

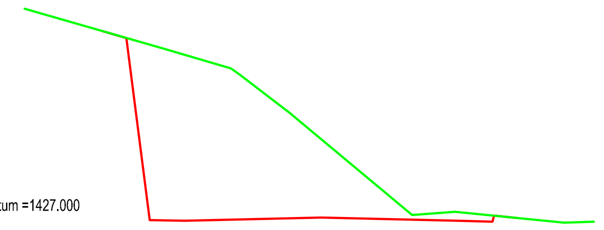
Chainage =77650.000



Level Datum =1429.000

Design Levels	1434.358, 1434.098, 1429.115, 1429.093, 1429.180, 1429.093, 1429.070, 1430.226, 1429.954
Design Offset	−5.711, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.689, 5.000
Design Width	0.711, 0.600, 0.900, 3.500, 3.500, 0.900, 0.289
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1432.367, 1431.789, 1431.117, 1430.483, 1429.852, 1429.599, 1429.449
Ex. Ground Offset	−0.270, 2.375, 3.947, 4.394, 5.117, 5.700, 5.945

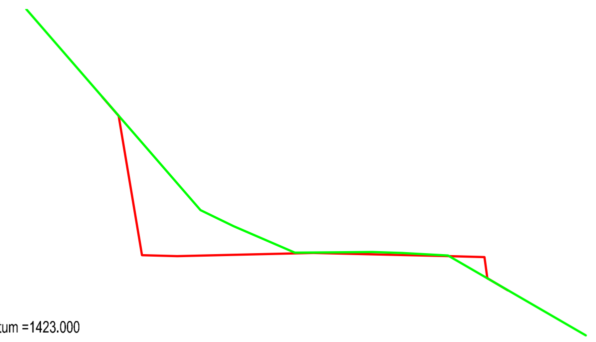
Chainage =77700.000



Level Datum =1427.000

Design Levels	1432.199, 1432.023, 1427.339, 1427.317, 1427.404, 1427.317, 1427.294, 1427.449, 1427.394
Design Offset	−5.615, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.439, 5.000
Design Width	0.615, 0.600, 0.900, 3.500, 3.500, 0.900, 0.039
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1431.755, 1431.240, 1431.079, 1430.099, 1427.470, 1427.548, 1427.272
Ex. Ground Offset	−4.069, −2.314, −2.086, −0.807, 2.339, 3.439, 6.237

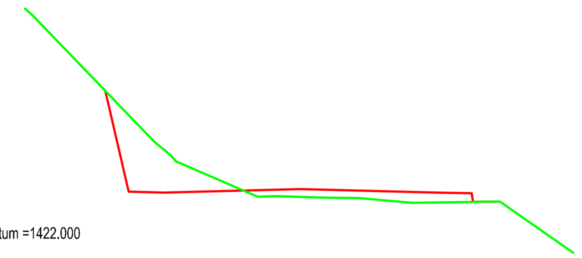
Chainage =77750.000



Level Datum =1423.000

Design Levels	1429.635, 1429.152, 1425.563, 1425.541, 1425.628, 1425.541, 1425.518, 1424.975, 1424.666
Design Offset	−5.418, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.468, 5.000
Design Width	0.418, 0.600, 0.900, 3.500, 3.500, 0.900, 0.068
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1426.721, 1426.316, 1425.634, 1425.641, 1425.647, 1425.624, 1425.560
Ex. Ground Offset	−2.898, −2.051, −0.473, 0.630, 1.517, 2.268, 3.463

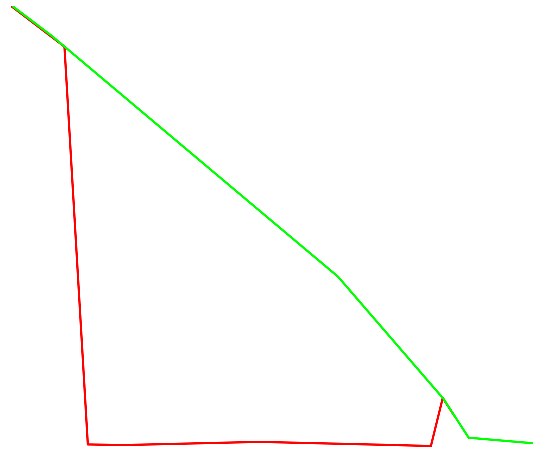
Chainage =77800.000



Level Datum =1422.000

Design Levels	1426.438, 1426.375, 1423.787, 1423.764, 1423.852, 1423.764, 1423.742, 1423.521, 1423.528
Design Offset	−5.063, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.428, 5.000
Design Width	0.063, 0.900, 3.500, 3.500, 0.900, 0.028
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1428.322, 1425.068, 1424.721, 1424.567, 1423.657, 1423.670, 1423.629, 1423.624, 1423.500, 1423.530
Ex. Ground Offset	−6.872, −3.746, −3.329, −3.197, −1.088, −0.654, 0.721, 1.501, 2.865, 5.118

Chainage =77850.000



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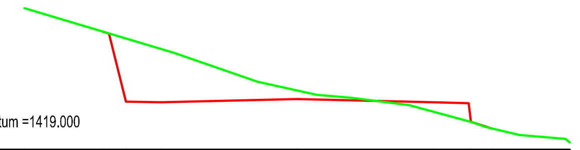
Design Levels	1434.067, 1432.217, 1422.011, 1421.988, 1422.076, 1421.988, 1421.966, 1423.195, 1422.749
Design Offset	−7.414, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.707, 5.000
Design Width	2.414, 0.600, 0.900, 3.500, 3.500, 0.900, 0.307
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1433.626, 1432.499, 1428.960, 1426.316, 1423.178, 1422.176
Ex. Ground Offset	−6.813, −5.336, −1.125, 2.022, 4.721, 5.371

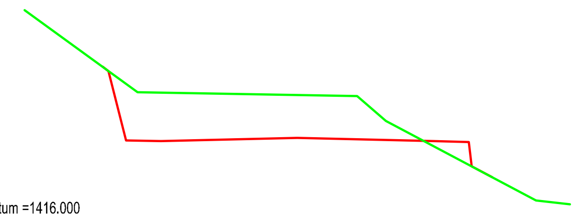
Chainage =77900.000



Level Datum =1419.000

Design Levels	1422.024, 1421.974, 1420.234, 1420.212, 1420.299, 1420.212, 1420.189, 1419.710, 1419.543
Design Offset	−5.000, −4.835, −4.400, −3.500, 0.000, 3.500, 4.400, 4.460, 5.000
Design Width	0.165, 0.900, 3.500, 3.500, 0.900, 0.060
Design Cut	TL20, IA23, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1421.478, 1420.745, 1420.405, 1420.328, 1420.139, 1419.705, 1419.590, 1419.373, 1419.282
Ex. Ground Offset	−3.170, −1.024, 0.503, 1.387, 2.868, 4.481, 4.800, 5.705, 6.883

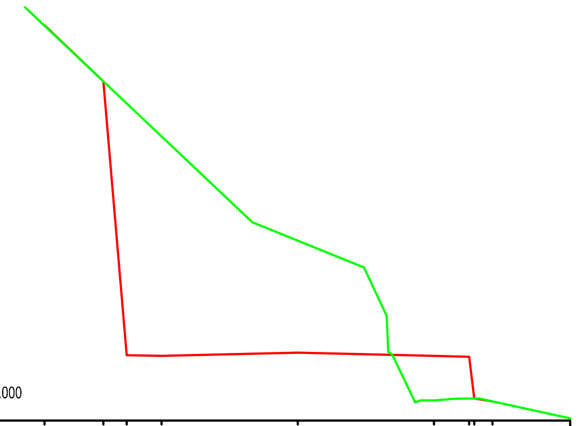
Chainage =77950.000



Level Datum =1416.000

Design Levels	1420.351, 1420.238, 1418.458, 1418.436, 1418.523, 1418.436, 1418.413, 1417.786, 1417.508
Design Offset	−5.000, −4.845, −4.400, −3.500, 0.000, 3.500, 4.400, 4.478, 5.000
Design Width	0.155, 0.900, 3.500, 3.500, 0.900, 0.078
Design Cut	TL20, IA23, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1419.695, 1419.598, 1418.958, 1416.909
Ex. Ground Offset	−4.098, 1.537, 2.277, 6.126

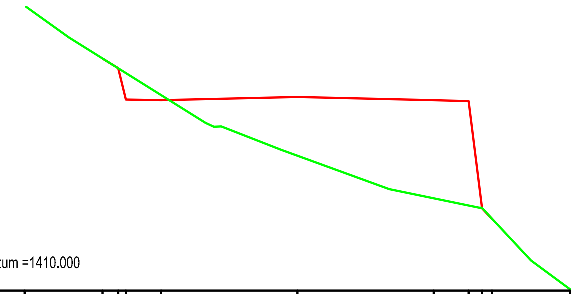
Chainage =78000.000



Level Datum =1415.000

Design Levels	1425.136, 1423.704, 1416.682, 1416.659, 1416.747, 1416.659, 1416.637, 1415.566, 1415.492
Design Offset	−6.514, −5.000, −4.400, −3.500, 0.000, 3.500, 4.400, 4.534, 5.000
Design Width	1.514, 0.600, 0.900, 3.500, 3.500, 0.900, 0.134
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1420.085, 1418.928, 1417.693, 1416.705, 1415.468, 1415.516, 1415.520, 1415.560, 1415.567
Ex. Ground Offset	−1.174, 1.696, 2.282, 2.423, 3.015, 3.152, 3.533, 3.986, 4.655

Chainage =78050.000



Level Datum =1410.000

Design Levels	1415.958, 1415.708, 1414.906, 1414.883, 1414.971, 1414.883, 1414.861, 1412.113, 1411.840
Design Offset	−5.000, −4.601, −4.400, −3.500, 0.000, 3.500, 4.400, 4.743, 5.000
Design Width	0.399, 0.900, 3.500, 3.500, 0.900, 0.343
Design Cut	TL20, IA23, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1416.496, 1414.303, 1414.210, 1413.614, 1412.603, 1412.128, 1412.125, 1410.768
Ex. Ground Offset	−5.862, −2.353, −1.951, −0.416, 2.364, 4.672, 4.733, 6.003

Chainage =78100.000

Level Datum =1412.000

Design Levels	1423.991, 1422.592, 1413.130, 1413.107, 1413.195, 1413.107, 1413.085, 1413.362, 1413.291
Design Offset	−7.115, −5.000, −4.400, −3.500, −0.000, 3.500, 4.400, 4.469, 5.000
Design Width	2.115, 0.600, 0.900, 3.500, 3.500, 0.900, 0.069
Design Cut	IA23, TL20, ES20, CE20, LC20, CE2l, ES2l, IA2L, TL2l
Ex. Ground Levels	1423.473, 1423.532, 1421.410, 1421.122, 1418.105, 1414.678, 1413.558, 1413.496, 1413.126
Ex. Ground Offset	−6.472, −5.746, −4.062, −2.983, −1.541, 0.032, 2.456, 3.460, 6.237

Chainage =78150.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :- AIPPL/BRO/DPR/CS/ 99			Sheet : 99 of End
Scale :- NTS			
Drng.	Dgn.by	Appd.by	Date: OCT-2021

CONSULTANT:

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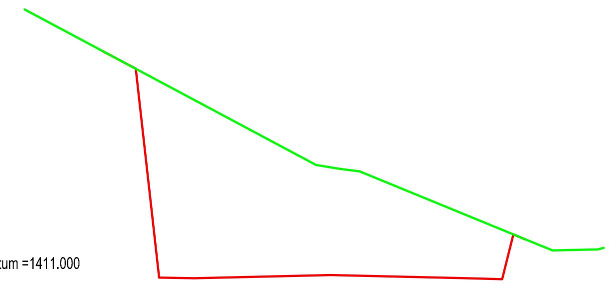
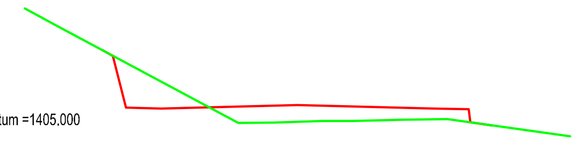


Level Datum =1411.000

Design Levels	1417.167 1416.712 1411.353 1411.331 1411.418 1411.331 1411.308 1412.458 1412.330
Design Offset	−5.853 −5.000 −4.400 −3.500 −0.000 3.500 4.400 4.687 5.000
Design Width	0.853 0.600 0.900 3.500 3.500 0.900 0.287
Design Cut	IA23 TL20 ES20 CE20 LC20 CE2I FS2I IA2L TL2I
Ex. Ground Levels	1414.243 1414.141 1414.073 1412.048 1412.076
Ex. Ground Offset	−0.374 0.226 0.738 5.689 6.856

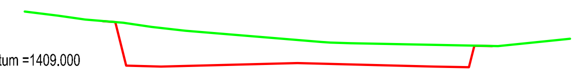
Chainage =78200.000



Level Datum =1405.000

Design Levels	1407.502 1407.359 1406.025 1406.002 1406.090 1406.002 1405.980 1405.645 1405.567
Design Offset	−5.000 −4.734 −4.400 −3.500 0.000 3.500 4.400 4.442 5.000
Design Width	0.266 0.900 3.500 3.500 0.900 0.042
Design Cut	TL20 IA23 ES20 CE20 LC20 CE2I FS2I IA2L TL2I
Ex. Ground Levels	1408.197 1405.630 1405.636 1405.676 1405.681 1405.712 1405.729
Ex. Ground Offset	−6.294 −1.514 −0.611 0.635 1.407 2.722 3.848

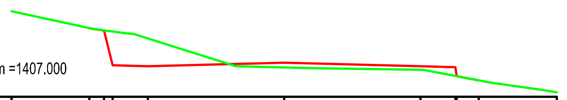
Chainage =78350.000



Level Datum =1409.000

Design Levels	1410.721 1410.693 1409.577 1409.555 1409.642 1409.555 1409.532 1410.087 1410.077
Design Offset	−5.000 −4.679 −4.400 −3.500 0.000 3.500 4.400 4.539 5.000
Design Width	0.321 0.900 3.500 3.500 0.900 0.139
Design Cut	TL20 IA23 ES20 CE20 LC20 CE2I FS2I IA2L TL2I
Ex. Ground Levels	1410.861 1410.761 1410.675 1410.571 1410.470 1410.186 1410.166 1410.152 1410.074 1410.241
Ex. Ground Offset	−6.144 −5.454 −4.469 −3.748 −2.879 0.606 0.843 1.368 5.150 6.754

Chainage =78250.000



Level Datum =1407.000

Design Levels	1408.749 1408.691 1407.801 1407.778 1407.866 1407.778 1407.756 1407.525 1407.416
Design Offset	−5.000 −4.622 −4.400 −3.500 0.000 3.500 4.400 4.429 5.000
Design Width	0.378 0.900 3.500 3.500 0.900 0.029
Design Cut	TL20 IA23 ES20 CE20 LC20 CE2I FS2I IA2L TL2I
Ex. Ground Levels	1408.727 1408.620 1408.597 1407.777 1407.731 1407.689 1407.687 1407.359 1407.183
Ex. Ground Offset	−4.902 −4.085 −3.850 −1.235 0.697 3.471 3.574 5.300 6.539

Chainage =78300.000

Project Title :

Engaging technical consultant for preparation of feasibility study (FS) and Detailed Project Report (DPR) on EPC mode for widenining/improvement of **KAYING - TATO ROAD** from Km 11.350 to 19.950 and Km 28.600 to 86.600 (Total length 66.600 Km) from existing road to NHDL specification under project BRAHMANK in Arunachal Pradesh State.

Section : **KAYING - TATO SECTION - II From Km 27+275 to Km 78+228**

CLIENT

Border Road Organisation
Brahmank Project

Drawing Title:	Cross Section		
Chainage :-			
Drawing No. :-	AIPPL/BRO/DPR/CS/100		Sheet : 100 of End
Scale :-	NTS		
Drng.	Dgn.by	Appd.by	Date: OCT-2021

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