

LEGEND:

PLAN: **PROPOSED**

- TYPE LINE
- SH EDGE
- CWEDGE
- CEN LINE
- CVEEDGE
- SH EDGE
- IOE LINE
- HOR TANGENT PT
- PROP NOW
- OPEN DRAIN
- PROP PATH
- BRIDGE
- BOX CULVERT
- BREAST WALL
- RETAINING WALL

EXISTING

- CWEDGE
- CEN LINE
- CVEEDGE
- EXIST ROAD
- RIVER
- EX RIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- 40 METER PEST
- EP
- HTY
- STRUCTURE
- FENCING
- RETAINING WALL
- ONE-AST WALL

Client: K&J Projects Pvt Ltd

Consultant: Alliance Engineers & Consultants (PVT) Ltd

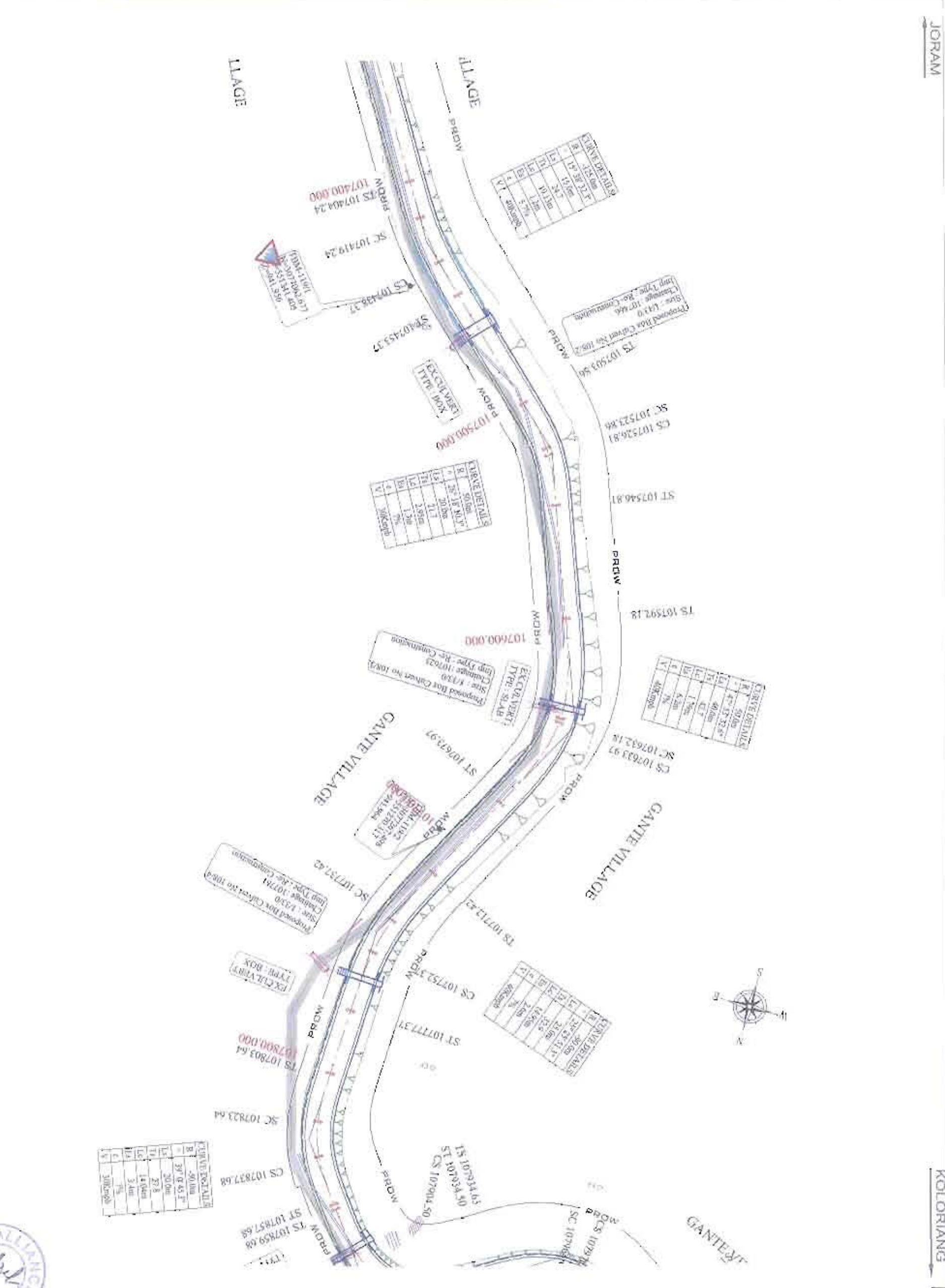
Project Name: Consultancy Services for preparation of Detailed Project report for 2-laning of Joram-Koloriang Road from Km 79.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

P/ID: P/ID

Scale: 1:1500

Scale: 1:1500

Scale: 1:1500

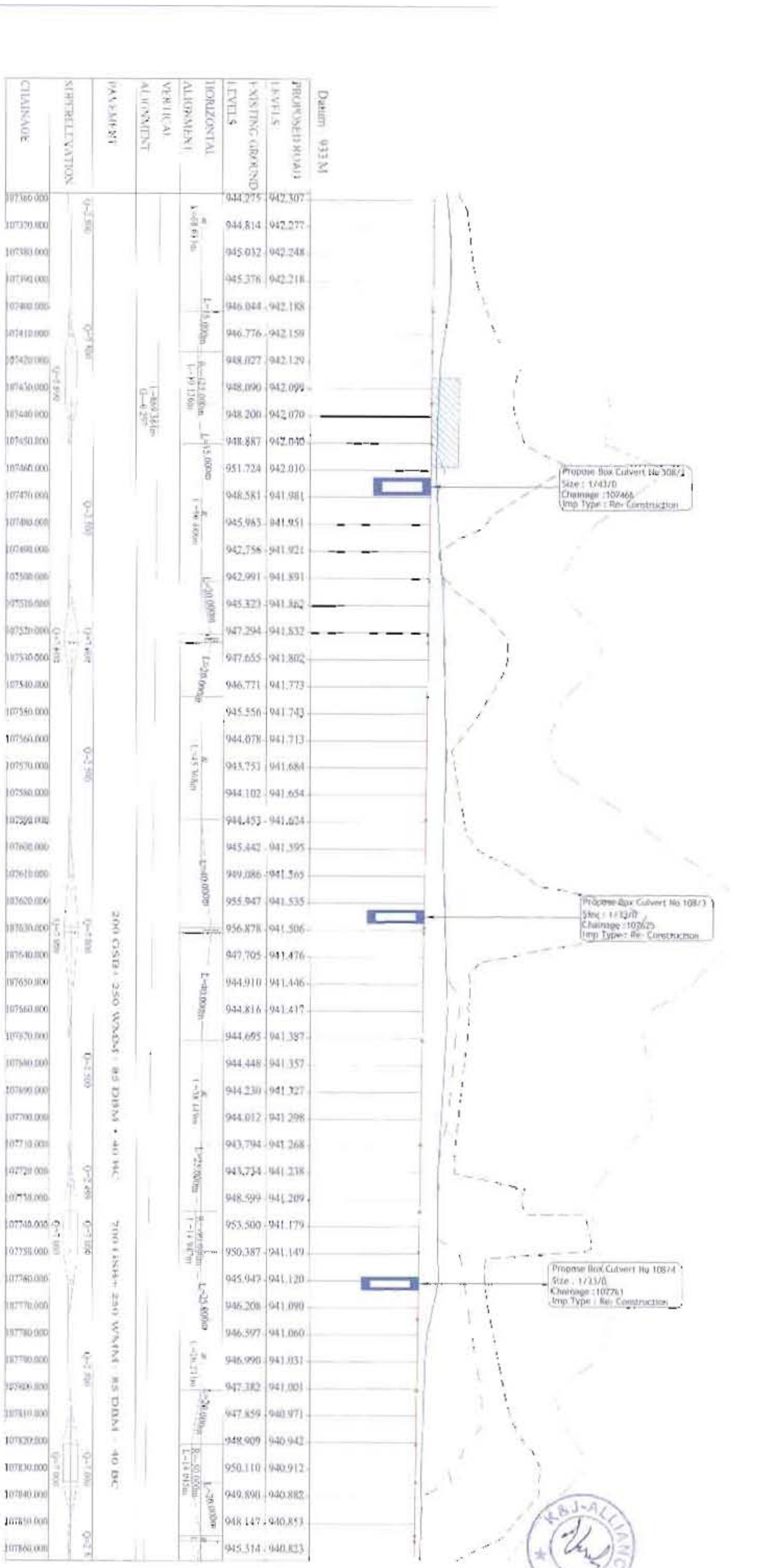


LEGEND:

PROFILE:

- HIGH LEVEL/ROAD
- FAST ROAD LEVEL
- START LEVEL AT PVI OR
- 1 FT TO 10 LEVEL
- MIDPT TO 10 LEVEL
- END HIGHEST POINT

MASS WALL
 RETAINING WALL



Propose Box Culvert No 508/2
 Size : 1/43/0
 Chainage : 107465
 Imp Type : Re-Construction

Propose Box Culvert No 108/3
 Size : 1/32/0
 Chainage : 107625
 Imp Type : Re-Construction

Propose Box Culvert No 108/4
 Size : 1/33/0
 Chainage : 107761
 Imp Type : Re-Construction



Client:

Consultant:

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Jorain-Koloriang Road from Km 79.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

Package: 4 From :- Km 17 to Km 147.860

Scale: 1:5000

Drawn by: [Name]

Checked by: [Name]

Approved by: [Name]

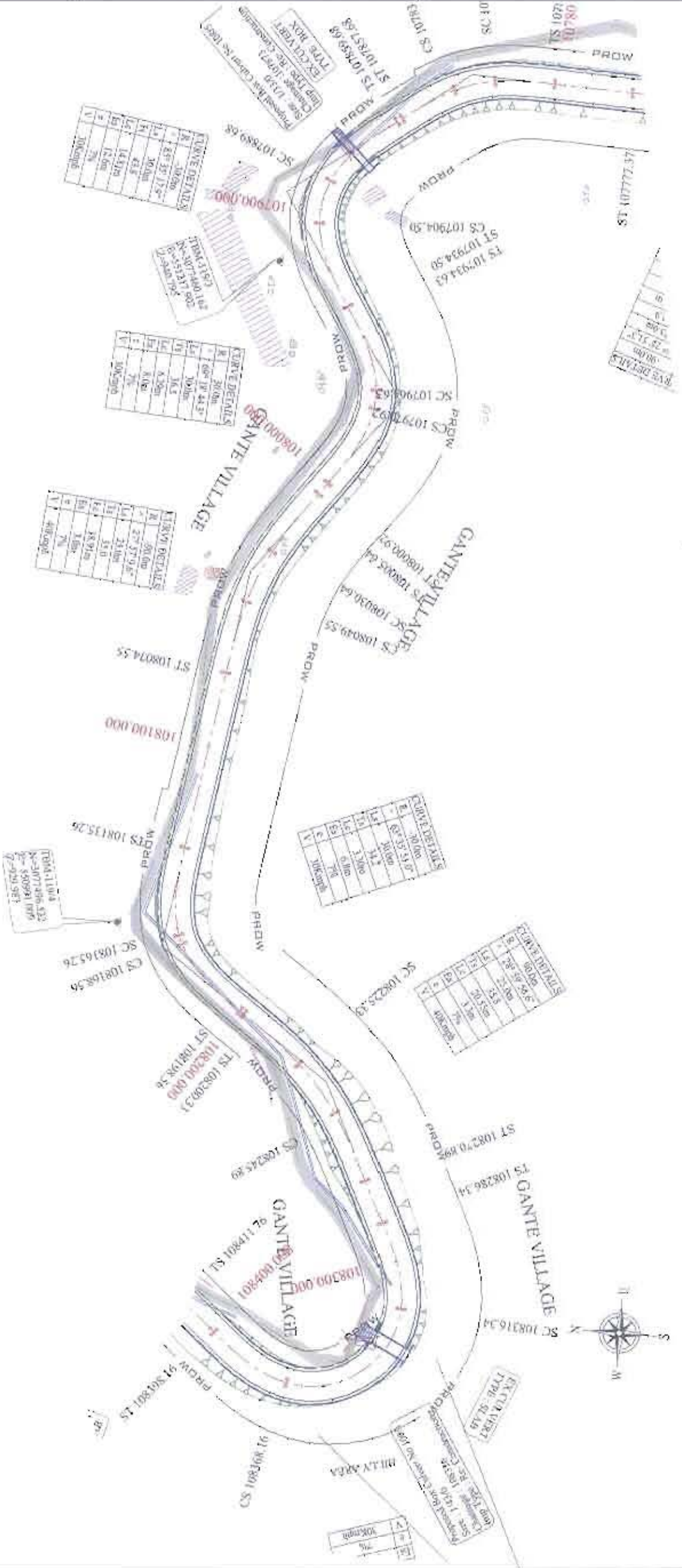
LEGEND:

PLAN: *(PROVISION)*

- 100 LINE
- SHEDS
- GW EDGE
- DRN LINE
- OW EDGE
- SH ELDS
- TOE LINE
- HOR TANGENT PT
- PROP ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BRICK WALL
- RETAINING WALL

PLAN: *(EXISTING)*

- OW EDGE
- OW LINE
- OW EDGE
- EXPOSE
- CULVERT
- URAIN
- TRUSS ROAD
- KULDWATER POST
- OLEF
- BU
- HTB
- STRUK LURSE
- REINFORSED
- REINFORSED WALL
- BRICK WALL



LEGEND:

- Profile
- EXIST. ROAD LEVEL
- PROPOSED ROAD LEVEL
- VERTICAL CURVE
- VERTICAL ALIGNMENT
- PAVEMENT
- RETAINING WALL

Propose Box Culvert No 108/5
 Size : 1/3310
 Chainage : 107873
 Imp Type : Re-Construction

Propose Box Culvert No 109/1
 Size : 1/43/0
 Chainage : 108326
 Imp Type : Re-Construction

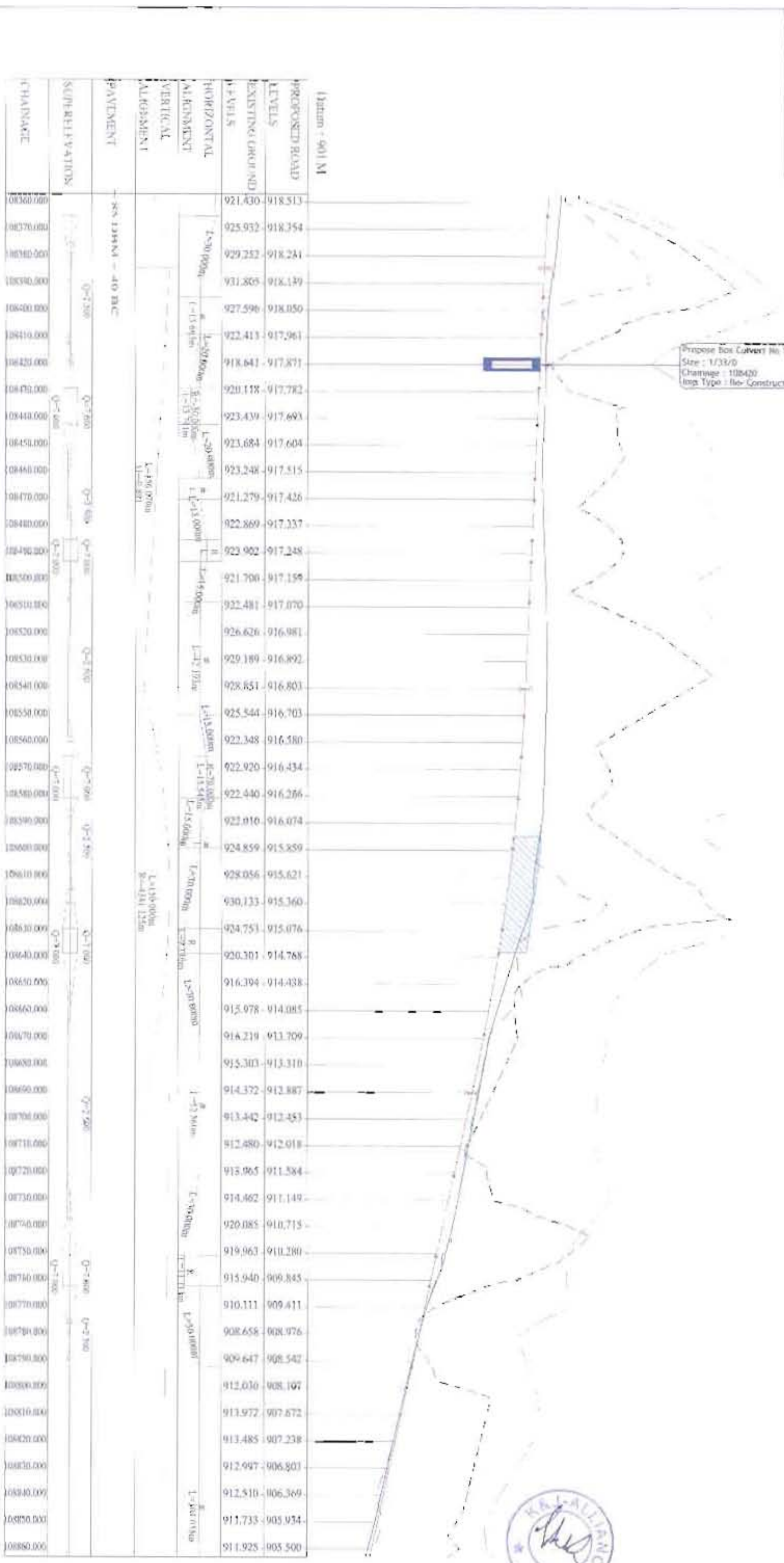


PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SUBGRADE ELEVATION	CHAINAGE
940.823	945.314					107800.000
940.793	941.193					107870.000
940.745	943.189					107880.000
940.667	946.871					107890.000
940.559	948.580					107900.000
940.420	945.088					107910.000
940.251	942.466					107920.000
940.051	941.933					107930.000
939.822	941.937					107940.000
939.561	940.751					107950.000
939.271	939.804					107960.000
938.950	944.196					107970.000
938.599	944.141					107980.000
938.218	944.476					107990.000
937.806	944.316					108000.000
937.364	944.055					108010.000
936.892	943.091					108020.000
936.390	943.036					108030.000
935.857	941.901					108040.000
935.293	941.174					108050.000
934.700	939.871					108060.000
934.076	939.245					108070.000
933.446	937.783					108080.000
932.804	935.834					108090.000
932.168	933.894					108100.000
931.532	933.433					108110.000
930.896	934.298					108120.000
930.260	935.641					108130.000
929.624	937.068					108140.000
928.988	939.279					108150.000
928.357	935.567					108160.000
927.716	931.028					108170.000
927.080	928.361					108180.000
926.444	927.261					108190.000
925.808	926.646					108200.000
925.172	925.981					108210.000
924.536	926.438					108220.000
923.900	931.857					108230.000
923.270	938.554					108240.000
922.673	937.727					108250.000
922.112	936.437					108260.000
921.588	934.644					108270.000
921.101	929.844					108280.000
920.650	926.568					108290.000
920.235	922.742					108300.000
919.857	921.978					108310.000
919.515	923.465					108320.000
919.210	922.987					108330.000
918.941	919.651					108340.000
918.709	919.988					108350.000
918.513	921.430					108360.000

Client: K & J Projects Pte Ltd
 Consultant: Alliance Engineering & Consultants (Pvt)
 Project Name: Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) to the state of Arunachal Pradesh under SARDP-NE on EPC Mode
 Package: 4 From: Km 70.00 to Km 108.360
 Scale: 1:1000
 Date: 10/10/2018

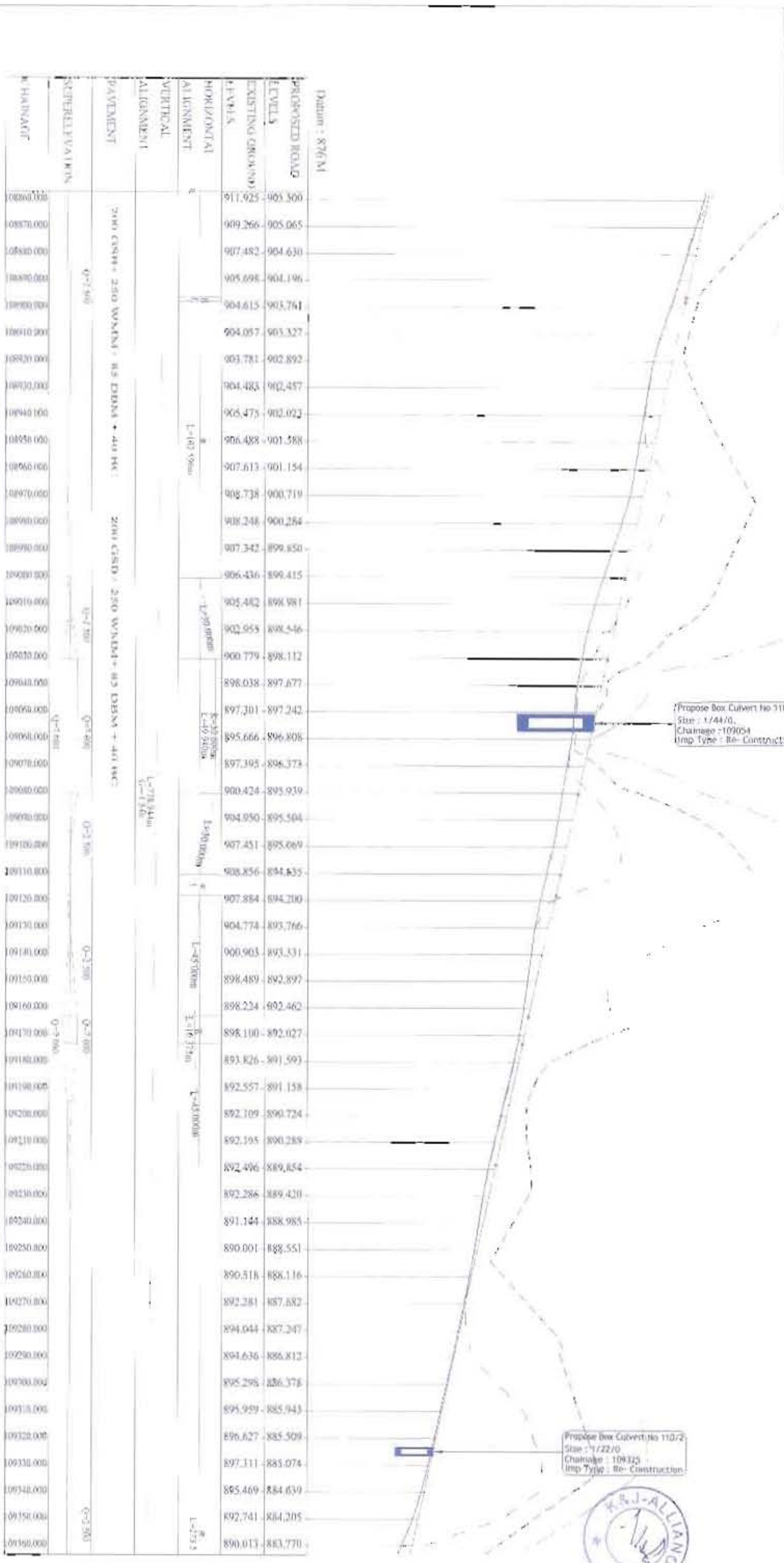
LEGEND:

- PROJE LEVEL/GRADIENT
- EXIST. ROAD/LEADER
- MSL LEVEL/STAKE
- LEFT TOE LEVEL
- RIGHT TOE LEVEL
- VERT. TANGENT POINT
- BREAK WALL
- RETAINING WALL



LEGEND

- PROFILE :**
- PROPOSED ROAD
 - EXISTING ROAD
 - EXISTING GROUND LEVEL
 - PROPOSED GROUND LEVEL
 - LEFT SIDE LEVEL
 - RIGHT SIDE LEVEL
 - NEW TANGKAP POINT
 - EXISTING WALL
 - RETAINING WALL



Client: K&J Projects Pvt Ltd

Consultant: Alliance Engineers & Consultants (Pvt) Ltd

Project Name: Consultancy Services for preparation of Detailed Project report for 2.4 km of Joram-Kolorang Road from Km 70.00 to Km 138.00 (Length = 68 km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

Scale: 1:1000

Date: 10/11/2023

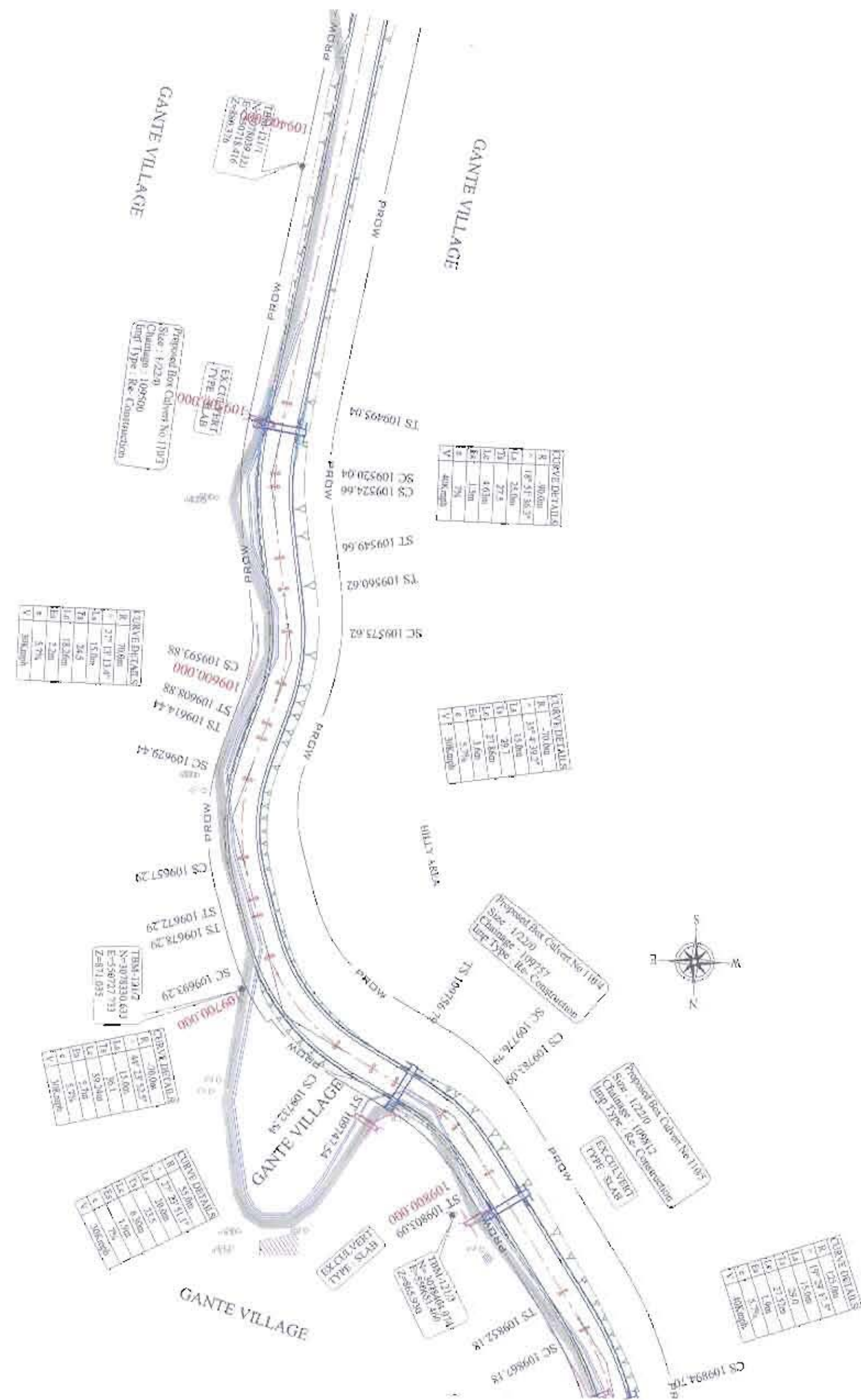
Drawn by: K&J-ALLIANCE

Checked by: K&J-ALLIANCE



LEGEND :
PLAN : PROPOSED

- TOE LINE
- SH EDGE
- C/W EDGE
- CEN LINE
- C/W EDGE
- SH EDGE
- TOE LINE
- NON ADJACENT PT
- PROP ROW
- PROP ROW
- PROP ROW
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BREAKT WALL
- RETAINING WALL
- EXISTING
- C/W EDGE
- CEN LINE
- C/W EDGE
- EXIST ROAD
- RIVER
- EX BRIDGE
- OUTLETT
- DRAIN
- CROSS ROAD
- METER HOST
- HP
- O.E.P
- HTP
- STRUCTURE
- FENCING
- RETAINING WALL
- GREAT WALL



Client:

Consultant:

Address: Engineers & Consultants (PVT) Ltd
No. 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARIP-NE on EPC Mode

Package: 1-4 From: Km 109.000 to Km 109.900

Plan

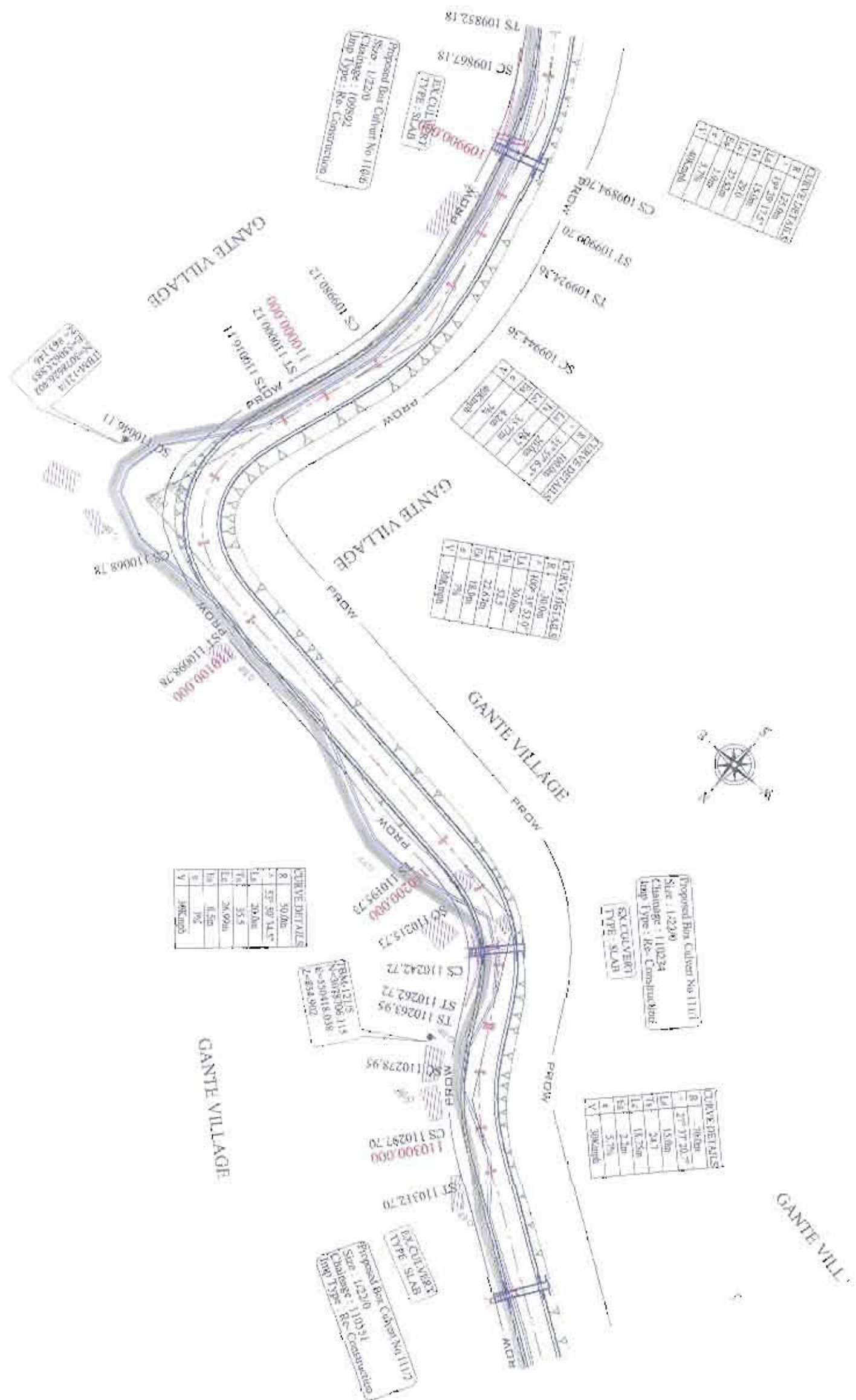
Scale: 1:1000

Big No: K&J ALLIANCE Road Design 4/09

LEGEND :

PLAN :

- PROPOSED TOE LINE
- SH EDGE
- CW EDGE
- CSN LINE
- CWERSIDE
- SH EDGE
- TOE LINE
- NON-TANGENT FT
- PROD ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- RETAINING WALL
- PROPOSED WALL
- EXISTING
- CW EDGE
- CCN LINE
- CW EDGE
- EASY ROAD
- RIVER
- EX BRIDGE
- QUVERT
- DRAIN
- CROSS ROAD
- KILOMETER POST
- DEP
- HTP
- STRUCTURE
- FENCING
- RETAINING WALL
- BREAK WALL



Client: K & J Projects Pvt. Ltd.

Consultant: Allstate Engineers & Consultants (Pvt) Limited

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (length = 68 Km) in the state of Arunachal Pradesh under SARDP-NF on EPC Mode

Plan

Package - 4 From 1 - Km 109.500 to Km 110.500

Scale: 1:10000

Proj No: K&J-CEC-Road/Routing/11/1

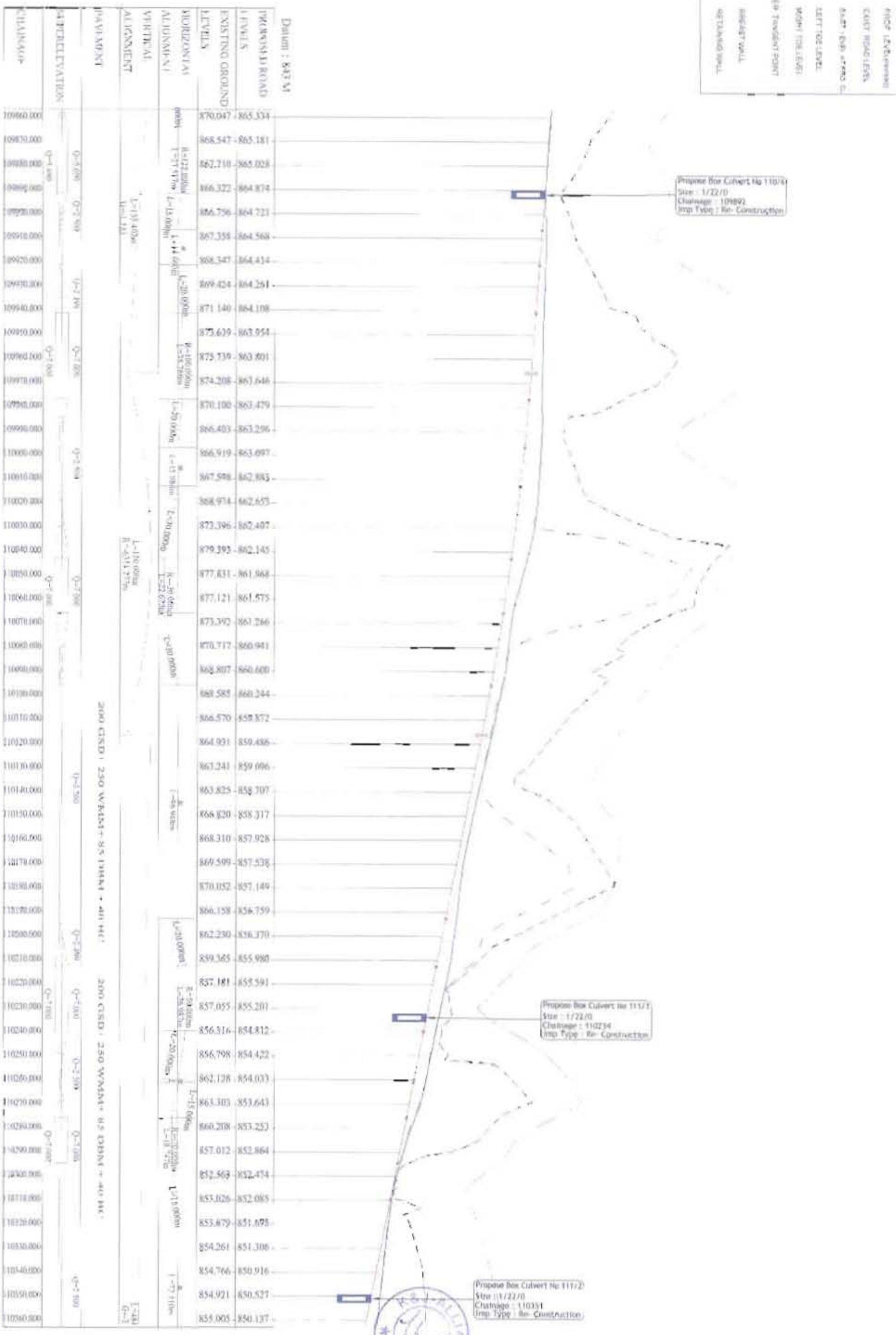
Scale: 1:10000

Scale: 1:10000



LEGEND:

- PROF. ELEVATION
- EXIST. ROAD LEVELS
- ASPH. GRD. LEVEL
- LEFT TOE LEVEL
- RIGHT TOE LEVEL
- WATER TOWARD POINT
- WATER AWAY FROM POINT
- RETAINING WALL
- RETAINING WALL



Propose Box Culvert No 110/4
 Size : 1/22/0
 Chainage : 109892
 Imp Type : Re-Construction

Propose Box Culvert No 111/1
 Size : 1/22/0
 Chainage : 110234
 Imp Type : Re-Construction

Propose Box Culvert No 111/2
 Size : 1/22/0
 Chainage : 110334
 Imp Type : Re-Construction

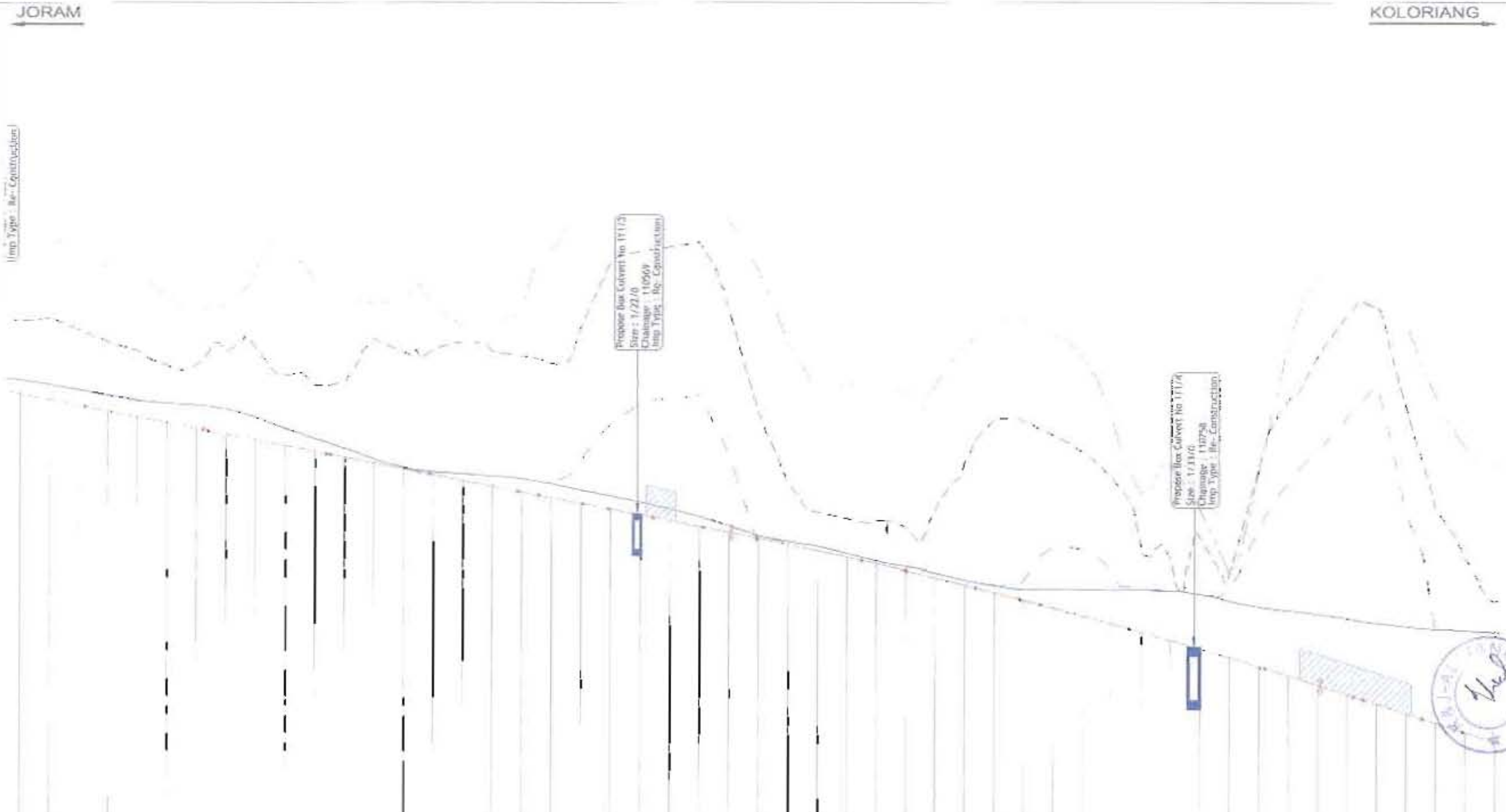


Consultant: A.E.C.O.M. Project No. J01
 Alliance Engineers & Consultants (S) Pte. Ltd.
 Project Name: Consultancy Services for preparation of Detailed Project report for T-1 zoning of
 Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of
 Arunachal Pradesh under SARDP-NE on EPC Mode.
 Longitudinal Profile
 Scale: 1:1000
 Date: 10/11/2011

LEGEND:

PROFILE:

- PROP. LEVEL (mmscd)
- EXIST. ROAD LEVEL
- EXIST. LEVEL AT PRO. CL
- LEFT JOB LEVEL
- RIGHT TOL LEVEL
- VER. TANGENT POINT
- BREAST WALL
- RETAINING WALL



Datum = 821 M

PROPOSED ROAD LEVELS	855.005	850.137	855.164	849.748	854.397	849.358	853.604	848.069	852.074	846.579	851.973	846.190	852.050	847.809	852.961	847.411	853.134	847.021	851.310	846.632	850.640	846.242	850.914	845.853	853.763	845.467	852.872	845.073	853.042	844.084	853.562	844.204	852.949	843.905	852.616	843.513	852.150	843.126	854.642	842.736	858.939	842.347	859.835	841.957	859.951	841.568	860.196	841.178	853.621	840.789	848.869	840.394	844.231	839.087	842.117	839.568	841.686	839.136	841.534	838.692	841.114	838.236	842.374	837.767	845.511	837.286	848.351	836.792	848.240	836.286	847.312	835.768	848.175	835.257	844.396	834.694	839.654	834.138	838.047	833.570	840.379	832.990	838.073	832.498	845.199	831.793	849.865	831.175	852.643	830.545	853.382	829.908	855.765	829.271	849.043	828.634	842.337	827.997	839.026	827.360	836.162	826.723
EXISTING GROUND LEVELS	855.005	850.137	855.164	849.748	854.397	849.358	853.604	848.069	852.074	846.579	851.973	846.190	852.050	847.809	852.961	847.411	853.134	847.021	851.310	846.632	850.640	846.242	850.914	845.853	853.763	845.467	852.872	845.073	853.042	844.084	853.562	844.204	852.949	843.905	852.616	843.513	852.150	843.126	854.642	842.736	858.939	842.347	859.835	841.957	859.951	841.568	860.196	841.178	853.621	840.789	848.869	840.394	844.231	839.087	842.117	839.568	841.686	839.136	841.534	838.692	841.114	838.236	842.374	837.767	845.511	837.286	848.351	836.792	848.240	836.286	847.312	835.768	848.175	835.257	844.396	834.694	839.654	834.138	838.047	833.570	840.379	832.990	838.073	832.498	845.199	831.793	849.865	831.175	852.643	830.545	853.382	829.908	855.765	829.271	849.043	828.634	842.337	827.997	839.026	827.360	836.162	826.723
HORIZONTAL ALIGNMENT	C=40.000m		L=40.000m		L=20.000m		L=30.000m		L=15.000m		L=17.912m		L=15.000m		L=20.000m		L=46.432m		L=30.000m		L=26.000m		L=20.000m		L=11.715m																																																																													
VERTICAL ALIGNMENT	G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%		G=3.39%																																																																											
PAVEMENT	200 CCM + 250 WMM + R5 DBM																																																																																																					
SUPERELEVATION	Q=7.000, Q=2.500, Q=2.500, Q=7.000, Q=2.500, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500, Q=7.000, Q=2.500																																																																																																					
CHAINAGE	110561.000	110570.000	110580.000	110590.000	110600.000	110610.000	110620.000	110630.000	110640.000	110650.000	110660.000	110670.000	110680.000	110690.000	110700.000	110710.000	110720.000	110730.000	110740.000	110750.000	110760.000	110770.000	110780.000	110790.000	110800.000	110810.000	110820.000	110830.000	110840.000	110850.000	110860.000																																																																							



LEGEND :

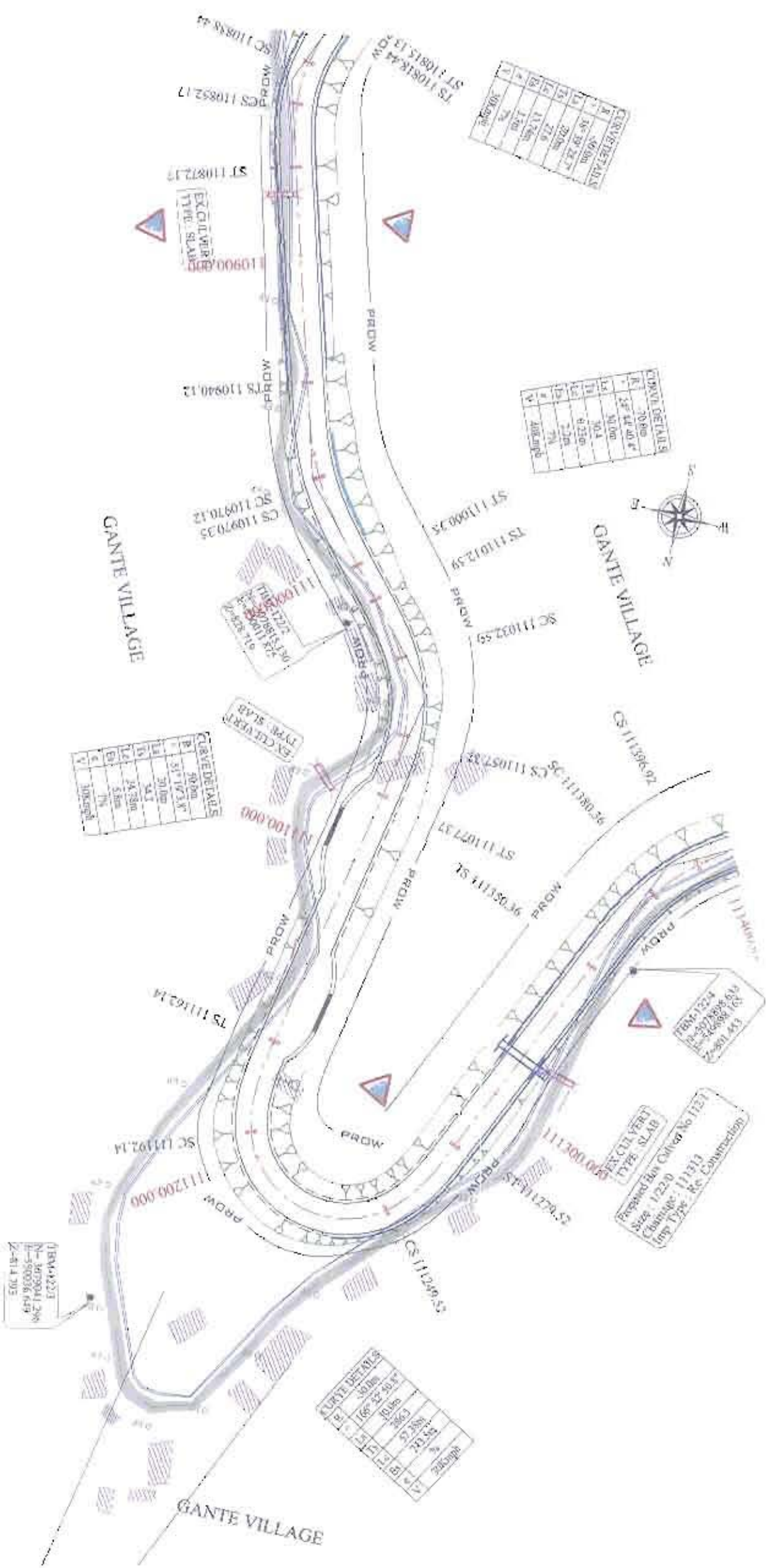
PLAN :

PROPOSED :

- TOT LINE
- SHEDGE
- CW EDGE
- LEN LINE
- CW EDGE
- SLIDGE
- TOE LINE
- HOW RAMPANT PT
- PROW ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BREAST WALL
- RETAINING WALL

EXISTING :

- CW EDGE
- CEN LNK
- CW EDGE
- EXIST ROAD
- RIVER
- EX BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- XILIMETER POSH
- DEF
- EP
- HTP
- STRUCTURE
- FENCING
- RETAINING WALL
- REPART WALL



Client: Alliance Engineers & Consultants (JV)

Consultant: K. N. J. Projects Pvt. Ltd.

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Jorani-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARIP-NE on EPC Mode

Package - 4 From : Km 110.860 to Km 111.160

Plan

Scale: 1:500 (1:1000)

Draw No: K&J-ALLIANCE-ROADS/SP/04/15

Date: 15/08/2024

Project No: 2-811.705

Revision: 1

Signature: [Signature]

Stamp: [Stamp]

LEGEND :

PROFILE :

- PROF LEVEL (Elev. mark)
- EXIST ROAD LEVEL
- EXIST UNDERPASS CL
- LEFT TOE LEVEL
- RIGHT TOE LEVEL
- USE TRANSFER POINT
- ROADT WALL
- RETAINING WALL



Drawn : 793M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	VERTICAL ALIGNMENT	PAVEMENT	RETENTION	CHAINAGE
826.725	836.162	S=20/1000	44 - 400 MM		10800.000
826.086	836.449				10870.000
825.449	837.113				10900.000
824.811	837.450				10930.000
824.174	837.502	L=1/1000			10950.000
823.537	835.749				10970.000
822.900	836.048				10990.000
822.263	833.150				10995.000
821.626	834.255				10997.000
820.989	837.168	L=20/1000			10998.000
820.352	839.411				10999.000
819.715	848.129	L=10/1000			10999.500
819.077	839.201				10999.700
818.440	834.897	L=10/1000			10999.900
817.803	832.158	L=1/1000			11000.000
817.166	828.727				11000.000
816.529	828.723	L=20/1000			11000.000
815.892	828.777				11000.000
815.255	827.501	L=20/1000			11000.000
814.618	826.868	L=25/1000			11000.000
813.981	830.224				11000.000
813.342	833.706				11000.000
812.706	832.327				11000.000
812.069	831.374				11000.000
811.432	831.530				11000.000
810.795	830.204				11000.000
810.158	826.199	L=1/1000			11000.000
809.521	821.641				11000.000
808.884	826.244				11000.000
808.247	823.512				11000.000
807.609	830.656				11000.000
806.972	832.116				11000.000
806.335	831.682				11000.000
805.698	829.617				11000.000
805.061	827.441				11000.000
804.424	825.382				11000.000
803.787	822.882				11000.000
803.150	819.039				11000.000
802.513	819.139				11000.000
801.875	813.179				11000.000
801.238	814.102				11000.000
800.601	814.460				11000.000
799.964	815.595				11000.000
799.327	815.983				11000.000
798.690	816.110				11000.000
798.053	814.570				11000.000
797.416	812.883				11000.000
796.779	810.575				11000.000
796.141	806.675				11000.000
795.504	802.668				11000.000
794.867	803.155				11000.000

Propose for Culvert No 142/1
 Size : 3/22/0
 Chainage : 11313
 Imp Type : Re-Construction



Client: K&J PROJEK (M) SDN BHD
Consultant: K&J PROJEK (M) SDN BHD
Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 79.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

Longitudinal Profile
 From : Km 79.00 to Km 138.00
 Scale : 1:1000
 Date : 11/05/2011

LEGEND:

- PROF LEVELS/ROAD
- EXIST ROAD LEVEL
- PROP LEVEL AT 2% FL
- LEFT TOE LEVEL
- RIGHT TOE LEVEL
- VERT JUNCTION POINT
- BRIDGE WALL
- RETAINING WALL

Datum : 761 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	NAPE/ELEVATION	CHAINAGE
794.867	803.155	R-24.00m	Q-2.500	11360.000	0+000
794.230	801.045	R-24.00m	Q-2.500	11370.000	0+100
793.593	802.412	R-24.00m	Q-2.500	11380.000	0+200
792.956	804.060	R-24.00m	Q-2.500	11390.000	0+300
792.319	803.022	R-24.00m	Q-2.500	11400.000	0+400
791.682	800.933	R-24.00m	Q-2.500	11410.000	0+500
791.045	801.133	R-24.00m	Q-2.500	11420.000	0+600
790.407	806.334	R-24.00m	Q-2.500	11430.000	0+700
789.770	808.440	R-24.00m	Q-2.500	11440.000	0+800
789.133	810.664	R-24.00m	Q-2.500	11450.000	0+900
788.496	810.174	R-24.00m	Q-2.500	11460.000	1+000
787.859	807.286	R-24.00m	Q-2.500	11470.000	1+100
787.222	804.926	R-24.00m	Q-2.500	11480.000	1+200
786.585	802.410	R-24.00m	Q-2.500	11490.000	1+300
785.948	801.030	R-24.00m	Q-2.500	11500.000	1+400
785.311	797.211	R-24.00m	Q-2.500	11510.000	1+500
784.673	794.117	R-24.00m	Q-2.500	11520.000	1+600
784.036	792.525	R-24.00m	Q-2.500	11530.000	1+700
783.399	793.021	R-24.00m	Q-2.500	11540.000	1+800
782.762	793.553	R-24.00m	Q-2.500	11550.000	1+900
782.125	794.363	R-24.00m	Q-2.500	11560.000	2+000
781.488	794.373	R-24.00m	Q-2.500	11570.000	2+100
780.851	793.491	R-24.00m	Q-2.500	11580.000	2+200
780.214	793.070	R-24.00m	Q-2.500	11590.000	2+300
779.577	790.919	R-24.00m	Q-2.500	11600.000	2+400
778.939	790.569	R-24.00m	Q-2.500	11610.000	2+500
778.302	792.059	R-24.00m	Q-2.500	11620.000	2+600
777.665	792.925	R-24.00m	Q-2.500	11630.000	2+700
777.028	793.128	R-24.00m	Q-2.500	11640.000	2+800
776.391	793.909	R-24.00m	Q-2.500	11650.000	2+900
775.754	795.968	R-24.00m	Q-2.500	11660.000	3+000
775.117	798.550	R-24.00m	Q-2.500	11670.000	3+100
774.480	798.904	R-24.00m	Q-2.500	11680.000	3+200
773.843	797.652	R-24.00m	Q-2.500	11690.000	3+300
773.206	794.074	R-24.00m	Q-2.500	11700.000	3+400
772.568	790.828	R-24.00m	Q-2.500	11710.000	3+500
771.931	789.081	R-24.00m	Q-2.500	11720.000	3+600
771.294	783.832	R-24.00m	Q-2.500	11730.000	3+700
770.657	783.622	R-24.00m	Q-2.500	11740.000	3+800
770.020	783.235	R-24.00m	Q-2.500	11750.000	3+900
769.383	782.754	R-24.00m	Q-2.500	11760.000	4+000
768.746	783.187	R-24.00m	Q-2.500	11770.000	4+100
768.109	783.385	R-24.00m	Q-2.500	11780.000	4+200
767.471	784.655	R-24.00m	Q-2.500	11790.000	4+300
766.834	786.052	R-24.00m	Q-2.500	11800.000	4+400
766.197	787.674	R-24.00m	Q-2.500	11810.000	4+500
765.560	788.392	R-24.00m	Q-2.500	11820.000	4+600
764.923	787.541	R-24.00m	Q-2.500	11830.000	4+700
764.286	786.312	R-24.00m	Q-2.500	11840.000	4+800
763.649	782.164	R-24.00m	Q-2.500	11850.000	4+900
763.012	780.553	R-24.00m	Q-2.500	11860.000	5+000



Client: **K&J Duta Pte Ltd**
 Project Name: **Consultancy Services for preparation of Detailed Project report for 2-Laning of Jorram-Koloriang Road from Km 76.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SAHDP-NE on EPC Mode**
 Scale: **1:1000**
 Date: **11/05/2017**

LEGEND:

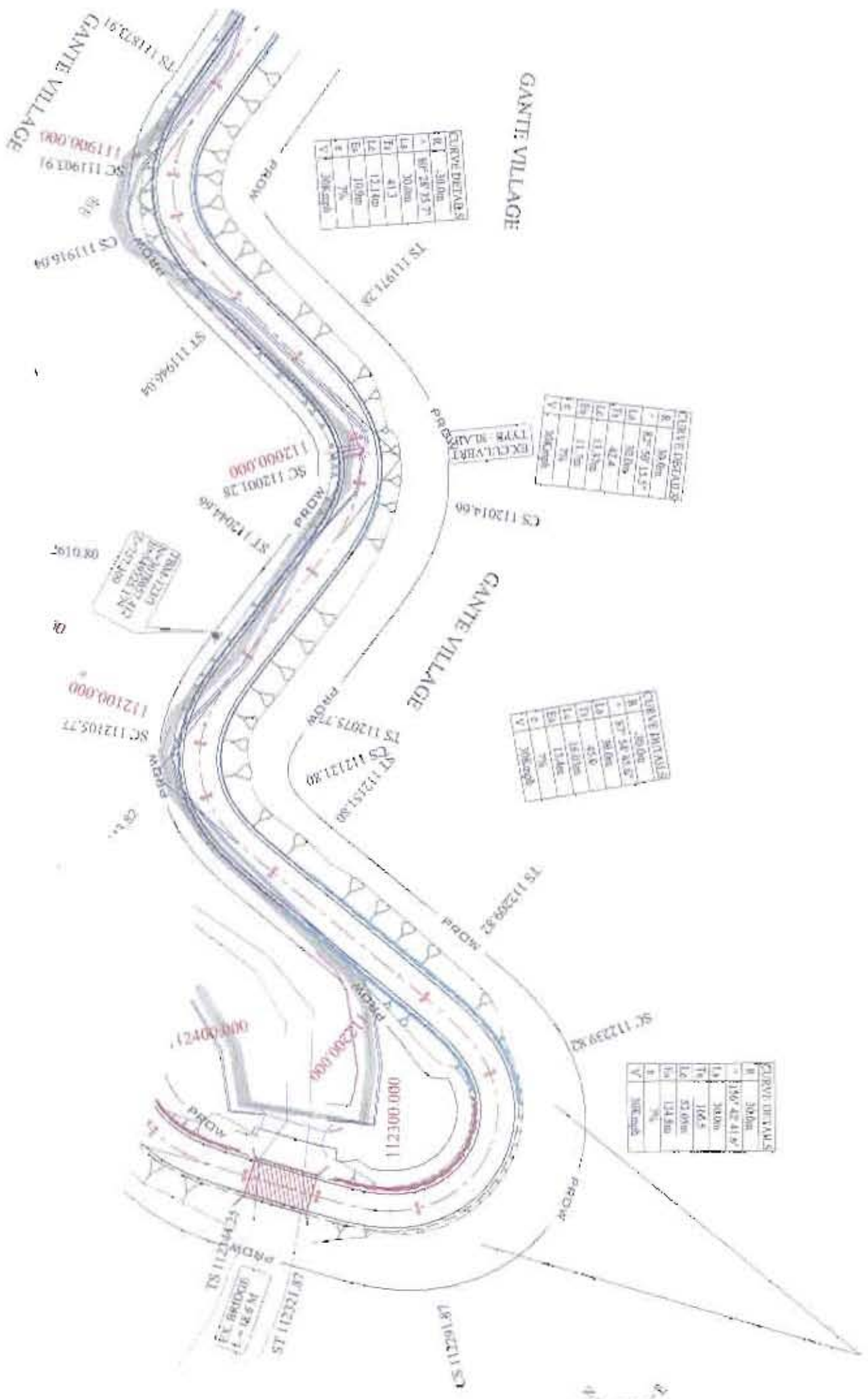
PLAN: **PROPOSED**

- TOE LINE
- SH EDGE
- LAW EDGE
- CSH LINE
- CROWN EDGE
- SH EDGE
- TOE LINE
- ADON TANGENT PT
- PROP ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- SOX
- CANAL
- BREAST WALL
- RE/PAVED WALL

LEGEND:

PLAN: **EXISTING**

- CANAL
- LEFT/RIE
- CROWN EDGE
- EXIST ROAD
- RIVER
- EX OPEN
- QUAY
- DRAIN
- CROSS ROAD
- MICROPIL/PIE POST
- PI
- HTB
- STRUCTURE
- WALL
- RETAINING WALL
- BREAST WALL



Client: Alliance Engineers & Consultants (JV)

Consultant: K & J Projects Pvt. Ltd.

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NB on EPC Mode

Package - 1 **Plan** **From :- Apr 11/2011 to Apr 11/2011**

Scale: 1:1000

Drawn by:

Checked by:

Project No: 1137

Revision: 1



Minor Bridge, No-1137
Span-1x19m, Ch-112320
Foundation: Open

LEGEND:

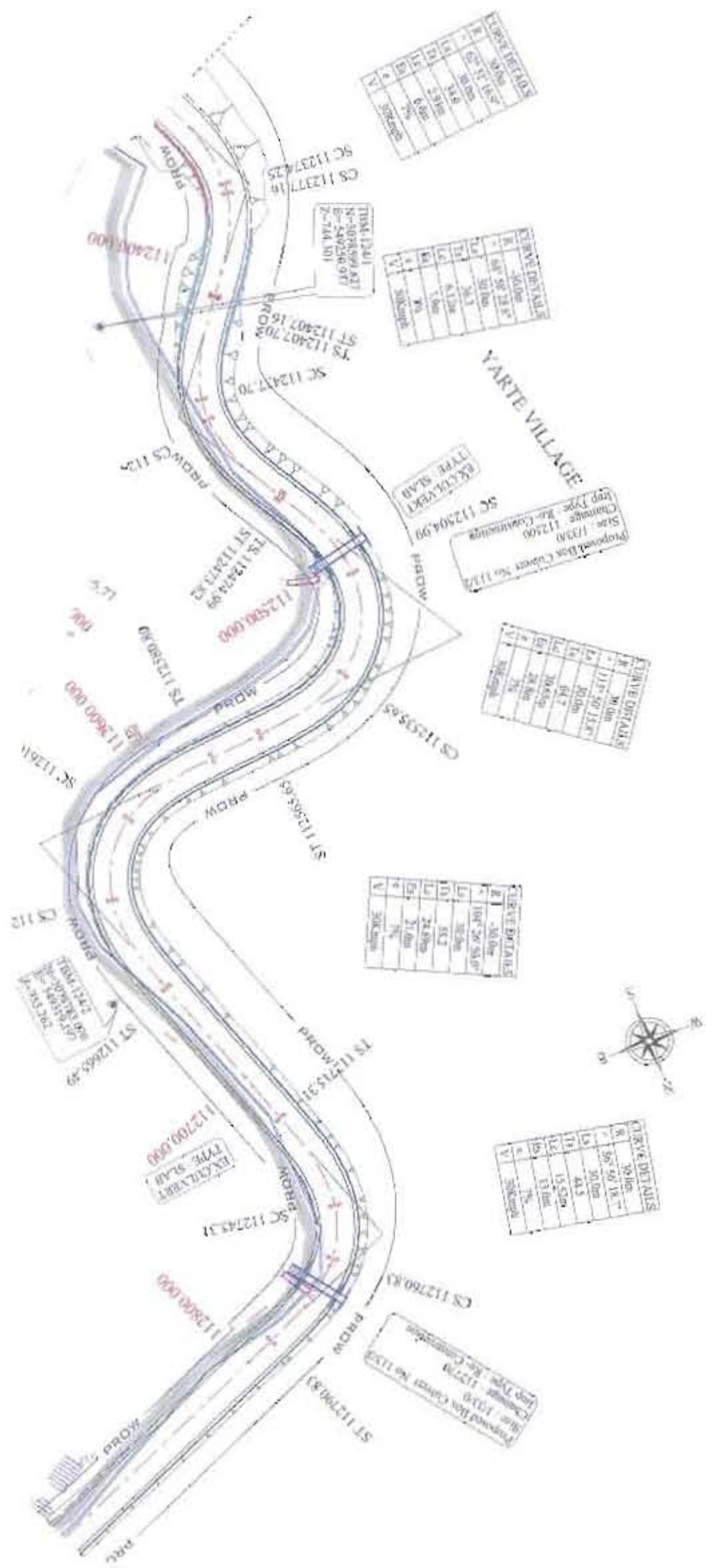
PLAN: (PROPOSED)

- ROAD LINE
- RM RIDGE
- CM RIDGE
- DM LINE
- CM RIDGE
- SM EDGE
- DM LINE
- NON TANGENT FT
- PROP BROW
- DRIVEY DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- RECTANG VIAL
- RETAINING WALL

LEGEND:

PLAN: (EXISTING)

- OVERDOR
- CENTLINE
- CAMELOC
- EXOS WOLAH
- KWYR
- PA BRIDGE
- DA VERT
- ESAB
- CROSS ROAD
- KILCARTER POST
- ET
- FTV
- STRUT TUBE
- FENCING
- RETAINING WALL
- BRIDGE WALL



Client: [Logo]

Consultant: K. A. I. Projects Pvt. Ltd. Alliance Engineers & Consultants (P) Ltd.

Project Name: Consultancy Services for preparation of Detailed Project report for 2-laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EIP Mode

Plan: Package - 4 FROM - A to Km 112.366 to Km 112.868

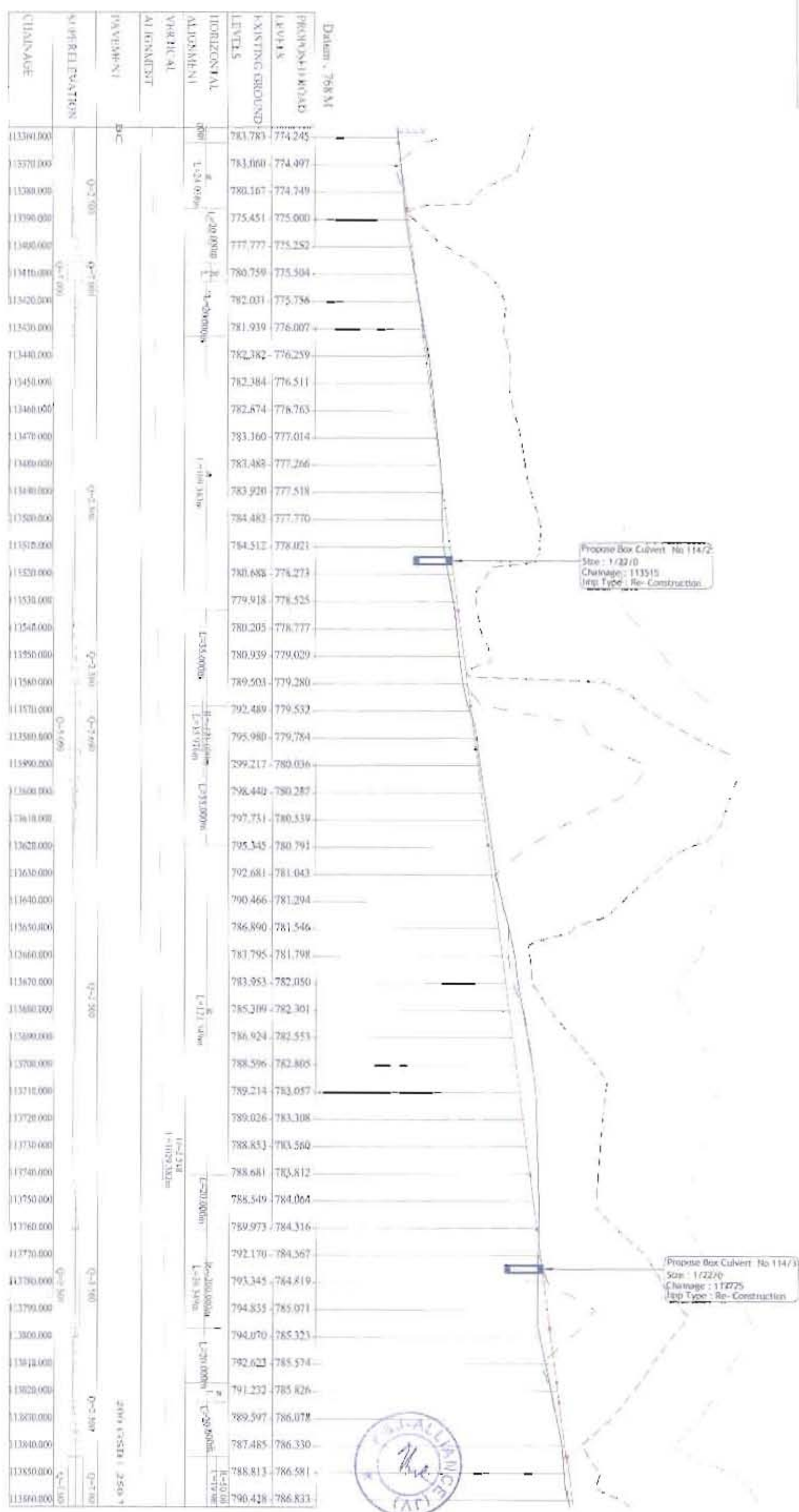
Scale: 1:1000

Date: [Blank]

LEGEND:

PROFILE:

- PROF. ELEVATION
- EXIST. ROAD LEVEL
- PROP. LEVEL (FTWD CL)
- LEFT TOE LEVEL
- RIGHT TOE LEVEL
- VERT. ALIGNMENT POINT
- PAVEMENT WALL
- REINFORCING WALL



Propose Box Culvert No 114/2
 Size : 1/22/0
 Chainage : 113515
 Imp Type : Re-Construction

Propose Box Culvert No 114/3
 Size : 1/22/0
 Chainage : 117275
 Imp Type : Re-Construction



Client: [Logo]

Consultant: K. S. ALLIANCE ENGINEERS (PVT) LTD.
 Alliance Engineers & Consultants (PVT)
 Room 1037/1038, K. S. Nagar, Sector 10, Gurgaon, Haryana - 122002

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (11.8 km) in the state of Arunachal Pradesh under SARIP-SP on KFC Mode

Package : 4 **From :-** Km 113.500 to Km 113.800

Fig No: M.A.A.E.C/06 Road/2024/26

Scale: 1:1000

Date: 11/07/2024

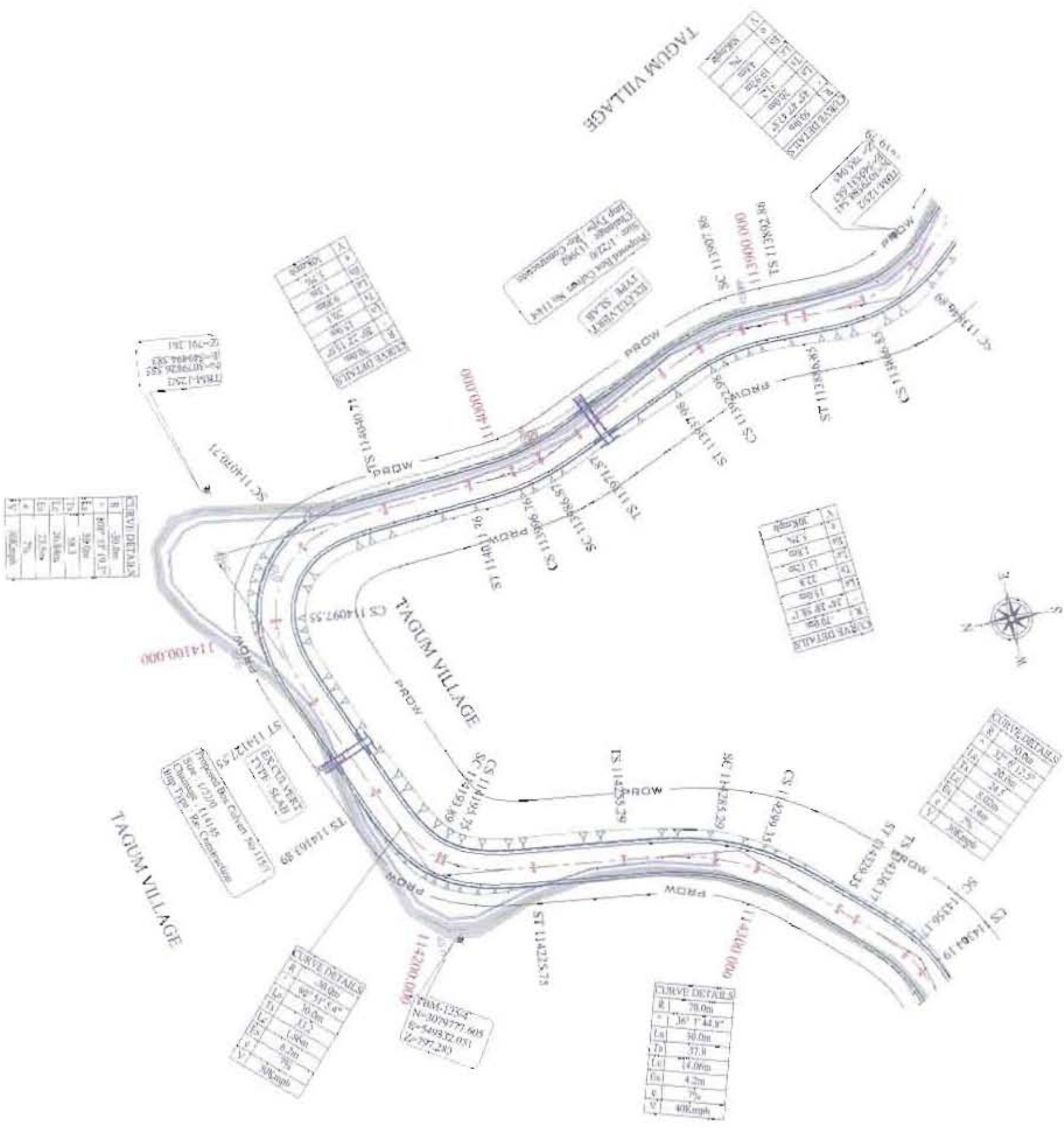
LEGEND:

PLAN - PROPOSED

- Centerline
- SW Edge
- CW Edge
- Top Line
- Low Edge
- SW Edge
- Top Line
- Prop. Landmark Pt.
- Prop. Road
- Overpass
- Footpath
- Bridge
- Box Culvert
- Bankast Wall
- Retaining Wall

PLAN - EXISTING

- CW Edge
- Centerline
- CW Edge
- Right Hand
- River
- Ex. Bridge
- Culvert
- Main
- Cross Road
- Kilometer Post
- Dr. C.I.
- Dr.
- Structure
- Fencing
- Retaining Wall
- Spigast Wall



Client: K.A.J. Projects, Pvt. Ltd.

Consultants: A.B. Associates & Consultants (Pvt.)

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Jorani-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

Package :- 1 From ~ Km 173.800 to Km 174.600

Plan

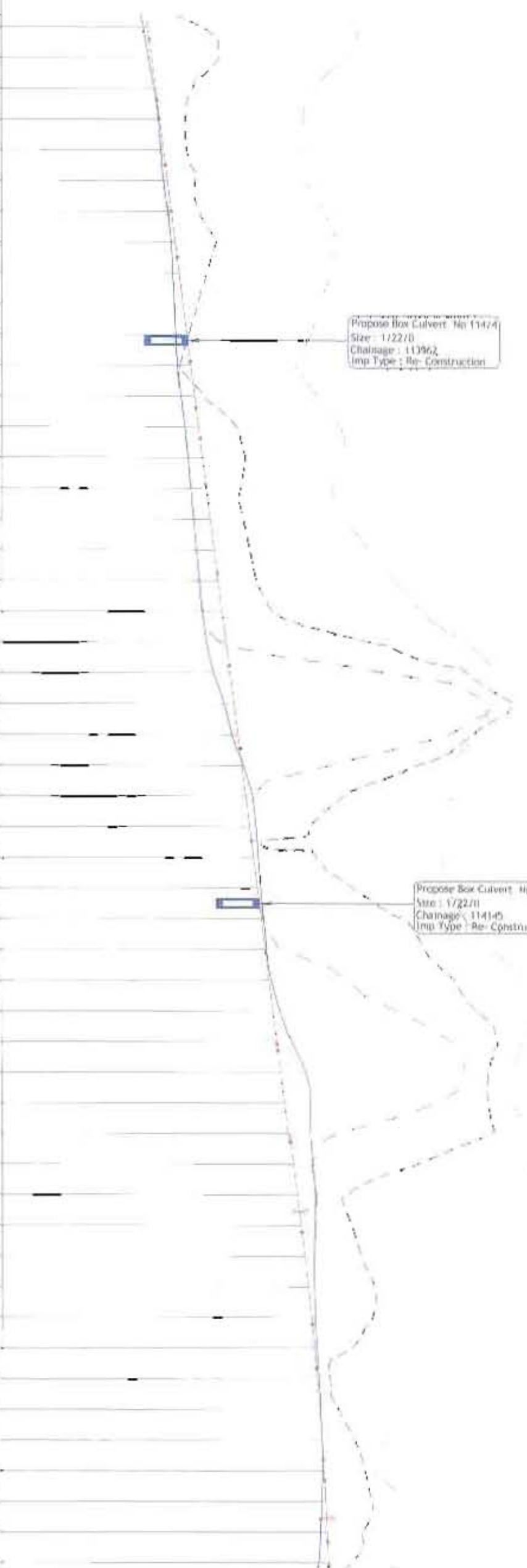
Engineer: K.A.J. Projects, Pvt. Ltd.

Scale: 1:1000

North Arrow: [Symbol]

LEGEND

- PROF. LEVEL (solid)
- EXIST. ROAD LEVEL
- EXIST. LEVEL AT PRO. CL.
- LEFT TOE LEVEL
- RIGHT TOE LEVEL
- USER TANGENT POINT
- ROADWAY WALL
- PROPOSED WALL
- EXISTING WALL



Durum : 777M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SHOULDER & VALEIN	CHAINAGE
790.428	786.833			0 W/MAIN + BS CRSM + 40 B/C		13270.000
791.436	787.085					13280.000
789.696	787.337					13290.000
789.261	787.588					13300.000
789.326	787.840					13310.000
789.858	788.092					13320.000
790.077	788.344					13330.000
791.245	788.595					13340.000
790.640	788.847					13350.000
790.053	789.099					13360.000
789.466	789.351					13370.000
788.897	789.602					13380.000
790.471	789.854					13390.000
792.569	790.106					13400.000
793.116	790.358					13410.000
792.609	790.610					13420.000
792.980	790.861					13430.000
793.400	791.113					13440.000
793.815	791.365					13450.000
794.916	791.617					13460.000
801.117	791.868					13470.000
807.370	792.120					13480.000
810.324	792.372					13490.000
807.695	792.624					13500.000
804.148	792.875					13510.000
799.320	793.127					13520.000
797.186	793.379					13530.000
797.665	793.631					13540.000
800.030	793.882					13550.000
803.239	794.134					13560.000
804.633	794.386					13570.000
806.573	794.638					13580.000
807.998	794.889					13590.000
809.301	795.141					13600.000
808.734	795.393					13610.000
808.725	795.645					13620.000
808.834	795.897					13630.000
804.193	796.148					13640.000
799.538	796.400					13650.000
799.888	796.650					13660.000
800.572	796.887					13670.000
801.387	797.108					13680.000
801.249	797.314					13690.000
799.922	797.504					13700.000
798.504	797.679					13710.000
799.065	797.838					13720.000
800.085	797.981					13730.000
800.766	798.109					13740.000
801.180	798.221					13750.000
800.621	798.319					13760.000
799.861	798.415					13770.000

Client: K & J Projects Pvt. Ltd. Alliance Engineers & Consultants (P) Ltd. Alliance Engineers & Consultants (P) Ltd. Arunachal Pradesh under SARDP-NE on EPC Mode

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Kolariang Road from Km 79.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

Package: 3 From Km 113.860 to Km 144.560

Scale: 1:10000

Drawn: K&J/EC/AR/ROAD/Profile/28/28

Checked: K&J/EC/AR/ROAD/Profile/28/28

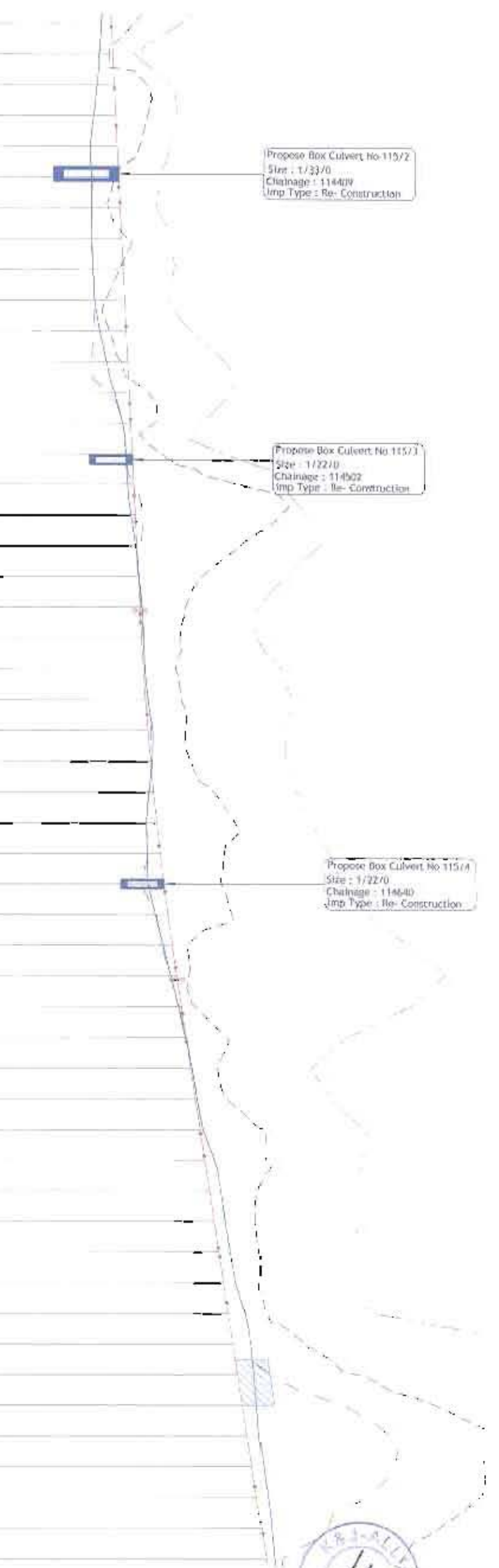
Date: 11/11/2024

LEGEND :

- PROFILE :**
- PROPOSED ROAD PROFILE
 - EXISTING ROAD PROFILE
 - EXIST. LEVEL AT HIG. CL.
 - LEFT R/F LEVEL
 - RIGHT R/F LEVEL
 - VCR TANGENT POINT
 - BREAST WALL
 - RETAINING WALL

Datum : 789 M

CHAINAGE	PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SUPERELEVATION
14360.000	799.861	798.415				
14370.000	798.264	798.511				
14380.000	800.722	798.606				
14390.000	800.751	798.702				
14400.000	800.229	798.798				
14410.000	798.562	798.894				
14420.000	798.174	798.989				
14430.000	799.435	799.085				
14440.000	798.931	799.181				
14450.000	798.046	799.277				
14460.000	798.273	799.372				
14470.000	799.023	799.468				
14480.000	800.790	799.564				
14490.000	801.192	799.660				
14500.000	801.633	799.756				
14510.000	806.674	799.851				
14520.000	809.275	799.947				
14530.000	806.701	800.043				
14540.000	804.241	800.139				
14550.000	803.381	800.234				
14560.000	802.813	800.327				
14570.000	802.559	800.427				
14580.000	802.888	800.524				
14590.000	803.172	800.618				
14600.000	803.497	800.714				
14610.000	805.014	801.107				
14620.000	806.382	801.313				
14630.000	805.693	801.533				
14640.000	805.498	801.775				
14650.000	806.171	802.032				
14660.000	803.277	802.306				
14670.000	802.387	802.598				
14680.000	803.780	802.899				
14690.000	805.811	803.201				
14700.000	805.216	803.503				
14710.000	805.821	803.804				
14720.000	808.136	804.106				
14730.000	808.326	804.408				
14740.000	807.805	804.709				
14750.000	807.628	805.011				
14760.000	807.897	805.313				
14770.000	807.918	805.615				
14780.000	808.414	805.916				
14790.000	810.871	806.218				
14800.000	814.354	806.520				
14810.000	819.227	806.821				
14820.000	821.322	807.123				
14830.000	822.430	807.425				
14840.000	822.120	807.726				
14850.000	819.467	808.028				
14860.000	817.088	808.330				



Propose Box Culvert No.115/2
Size : 1/33/0
Chainage : 11440/9
Imp Type : Re-Construction

Propose Box Culvert No.115/3
Size : 1/22/0
Chainage : 11492
Imp Type : Re-Construction

Propose Box Culvert No.115/4
Size : 1/22/0
Chainage : 11460
Imp Type : Re-Construction



Client:

Consultant:

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Landing of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

Project No.: K&A/NEC/CR/Road/Profile/16/4/30

Scale: 1:1000 (H) / 1:2000 (V)

Drawn by:

Checked by:

Approved by:

Registration No.: 428

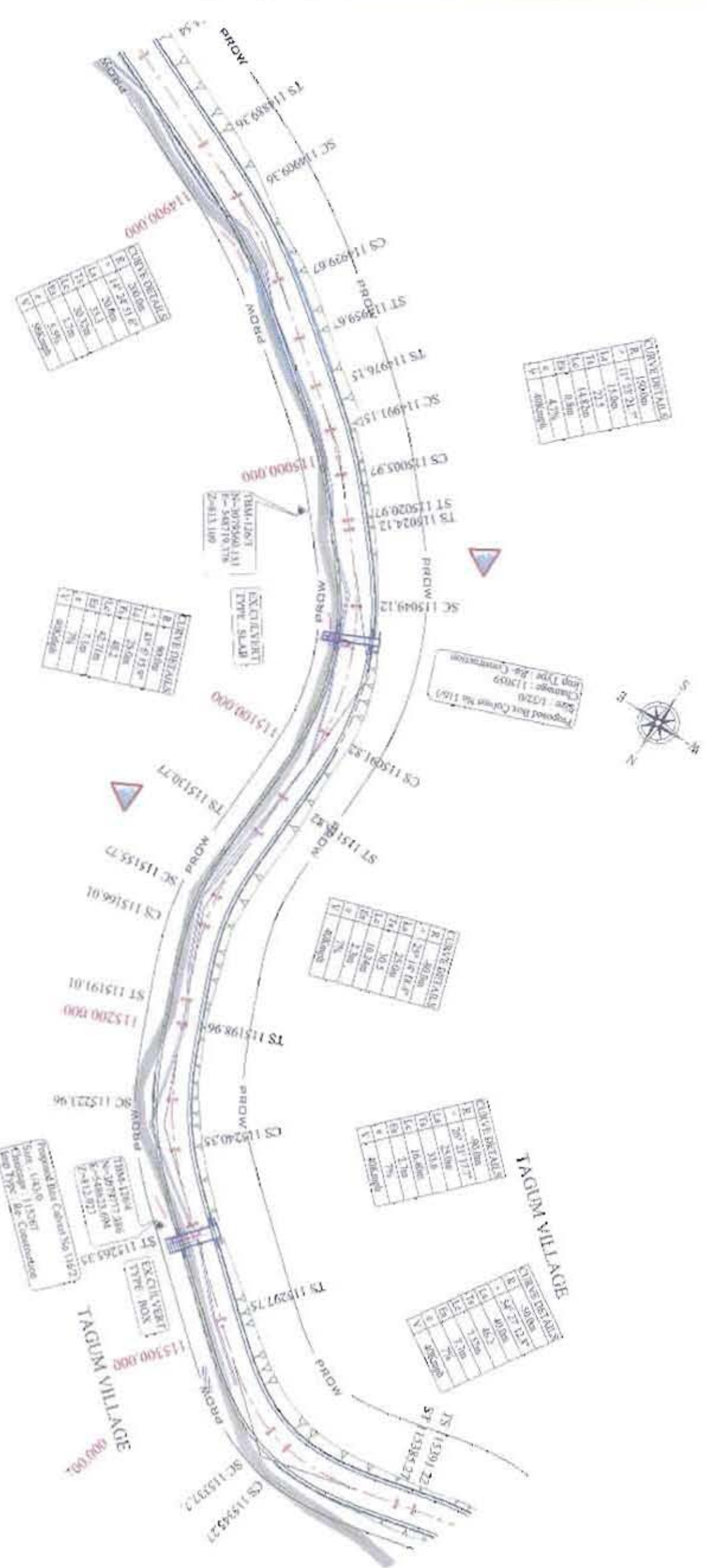
LEGEND:

PLAN: *PROPOSED*

- THE LINE
- SH EDGE
- C/W EDGE
- CEN LINE
- C/W EDGE
- SH EDGE
- THE LINE
- PROW
- PROW HOW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BREAST WALL
- RETAINING WALL

EXISTING:

- C/W EDGE
- CEN LINE
- C/W EDGE
- EXIST. ROAD
- R/W BR
- BRIDGE
- COLVERT
- DRAIN
- CROSS ROAD
- 4/5 QUARTER POST
- OLEP
- EP
- MTF
- STRUCTURE
- FEEDING
- RETAINING WALL
- BREAST WALL



Client: Alliance Engineers & Consultants (Pvt) Ltd.

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from km 70.00 to km 138.00 (Length = 68 km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

Package :- 4 | **From :- Km 114.860 to Km 115.360** | **Plan**

Scale: 1:1000

Fig No: KA/ASZ/K/ROOF/SP/04/31

Scale: 1:1000

Scale: 1:1000



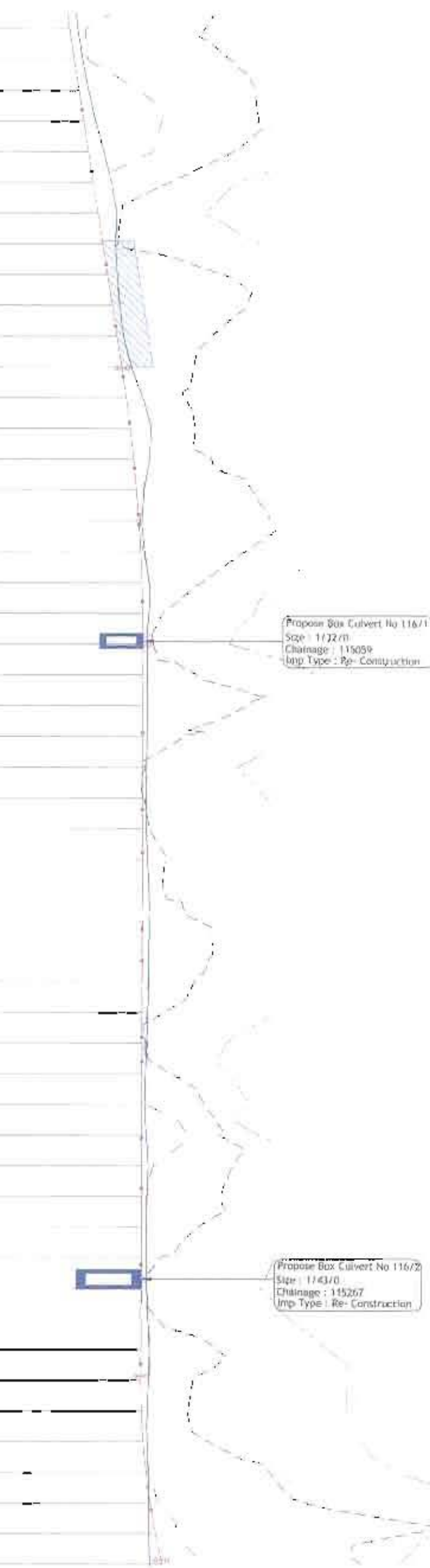
LEGEND :

PROFILE :

- PROF LEVEL/PROFILE
- EXIST ROAD LEVEL
- EXIST LEVEL/PROP CL
- LEFT EYE LEVEL
- RIGHT TIE LEVEL
- VERT. TRANSITION POINT
- BREAST WALL
- REINFORCING WALL

Datum : 802 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	GRADE
808.230	817.088			
808.631	818.701			
808.933	820.303			
809.235	820.546			
809.537	818.892			
809.838	814.745			
810.140	811.637			
810.442	811.403			
810.742	818.249			
811.045	819.724			
811.347	817.484			
811.648	816.306			
811.934	815.718			
812.186	816.386			
812.403	817.432			
812.585	820.073			
812.732	821.224			
812.845	819.609			
812.924	816.806			
812.968	814.245			
812.977	813.641			
812.967	816.440			
812.958	819.673			
812.948	815.703			
812.938	813.101			
812.928	813.039			
812.919	813.356			
812.909	814.372			
812.899	814.213			
812.890	816.474			
812.880	817.438			
812.870	816.209			
812.860	814.224			
812.851	813.108			
812.841	814.832			
812.831	816.905			
812.822	817.895			
812.812	818.712			
812.802	817.988			
812.792	816.487			
812.783	813.997			
812.773	812.847			
812.763	813.826			
812.754	817.679			
812.745	816.123			
812.783	815.757			
812.899	817.117			
813.090	820.998			
813.358	823.369			
813.702	830.170			
814.157	839.864			



Client: K & J Projects Pvt Ltd

Consultant: Ajay Engineers & Consultants (PVT)

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDDP-NE on EPC Mode

Package: 4 From: Km 114.860 to Km 115.860

Fig No: K&J-45/JK Road/Profile/4/33

Scale: 1:1000

Date: 11/08/2024

LEGEND :

- PROFILE :
- PROJE LEVEL/ELEVATION
 - EXIST. ROAD/ELEV.
 - EXIST. LEVEL AT PRO. P.C.
 - LEFT TOE LEVEL
 - RIGHT TOE LEVEL
 - P.C.M. TARGET POINT
 - BREAST WALL
 - RETAINING WALL

Station : 807 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAYMENT	SUPERELEVATION	CHAINAGE
826.864 - 814.122	826.864 - 814.122	L=40.000m	G=1.481		0-2.500	115360.000
828.411 - 814.570	828.411 - 814.570				0-2.500	115370.000
826.127 - 814.994	826.127 - 814.994				0-2.500	115380.000
823.755 - 815.344	823.755 - 815.344				0-2.500	115390.000
821.433 - 815.620	821.433 - 815.620				0-2.500	115400.000
823.870 - 815.821	823.870 - 815.821				0-2.500	115410.000
822.166 - 815.947	822.166 - 815.947				0-2.500	115420.000
820.330 - 815.999	820.330 - 815.999				0-2.500	115430.000
818.825 - 816.000	818.825 - 816.000				0-2.500	115440.000
814.843 - 816.000	814.843 - 816.000				0-2.500	115450.000
814.298 - 816.000	814.298 - 816.000				0-2.500	115470.000
816.619 - 816.000	816.619 - 816.000				0-2.500	115480.000
823.331 - 816.000	823.331 - 816.000				0-2.500	115490.000
824.915 - 816.000	824.915 - 816.000				0-2.500	115500.000
827.283 - 816.000	827.283 - 816.000				0-2.500	115510.000
830.262 - 816.000	830.262 - 816.000				0-2.500	115520.000
832.022 - 816.000	832.022 - 816.000				0-2.500	115530.000
831.529 - 816.000	831.529 - 816.000				0-2.500	115540.000
830.913 - 816.000	830.913 - 816.000				0-2.500	115550.000
830.880 - 816.000	830.880 - 816.000				0-2.500	115560.000
830.928 - 816.000	830.928 - 816.000				0-2.500	115570.000
830.475 - 816.000	830.475 - 816.000				0-2.500	115580.000
828.806 - 816.000	828.806 - 816.000				0-2.500	115590.000
823.443 - 816.014	823.443 - 816.014				0-2.500	115600.000
821.029 - 816.088	821.029 - 816.088				0-2.500	115610.000
819.472 - 816.226	819.472 - 816.226				0-2.500	115620.000
819.449 - 816.429	819.449 - 816.429				0-2.500	115630.000
823.950 - 816.696	823.950 - 816.696				0-2.500	115640.000
828.161 - 817.027	828.161 - 817.027				0-2.500	115650.000
830.040 - 817.408	830.040 - 817.408				0-2.500	115660.000
831.091 - 817.794	831.091 - 817.794				0-2.500	115670.000
831.949 - 818.179	831.949 - 818.179				0-2.500	115680.000
828.780 - 818.564	828.780 - 818.564				0-2.500	115690.000
823.138 - 818.949	823.138 - 818.949				0-2.500	115700.000
821.785 - 819.335	821.785 - 819.335				0-2.500	115710.000
821.127 - 819.720	821.127 - 819.720				0-2.500	115720.000
831.075 - 820.105	831.075 - 820.105				0-2.500	115730.000
837.718 - 820.491	837.718 - 820.491				0-2.500	115740.000
840.550 - 820.876	840.550 - 820.876				0-2.500	115750.000
837.803 - 821.261	837.803 - 821.261				0-2.500	115760.000
835.057 - 821.646	835.057 - 821.646				0-2.500	115770.000
832.622 - 822.032	832.622 - 822.032				0-2.500	115780.000
826.853 - 822.417	826.853 - 822.417				0-2.500	115790.000
824.574 - 822.802	824.574 - 822.802				0-2.500	115800.000
824.099 - 823.188	824.099 - 823.188				0-2.500	115810.000
824.670 - 823.573	824.670 - 823.573				0-2.500	115820.000
828.479 - 823.958	828.479 - 823.958				0-2.500	115830.000
833.151 - 824.343	833.151 - 824.343				0-2.500	115840.000
834.784 - 824.729	834.784 - 824.729				0-2.500	115850.000
836.948 - 825.114	836.948 - 825.114				0-2.500	115860.000

TYPE : PRO. BRIDGE
 No : 116/3
 LENGTH : 150 m Span
 CHAINAGE : 115457
 DL : 816.000m

Propose Box Culvert No 116/4
 Size : 1/13/0
 Chainage : 115816
 Imp Type : Re-Construction

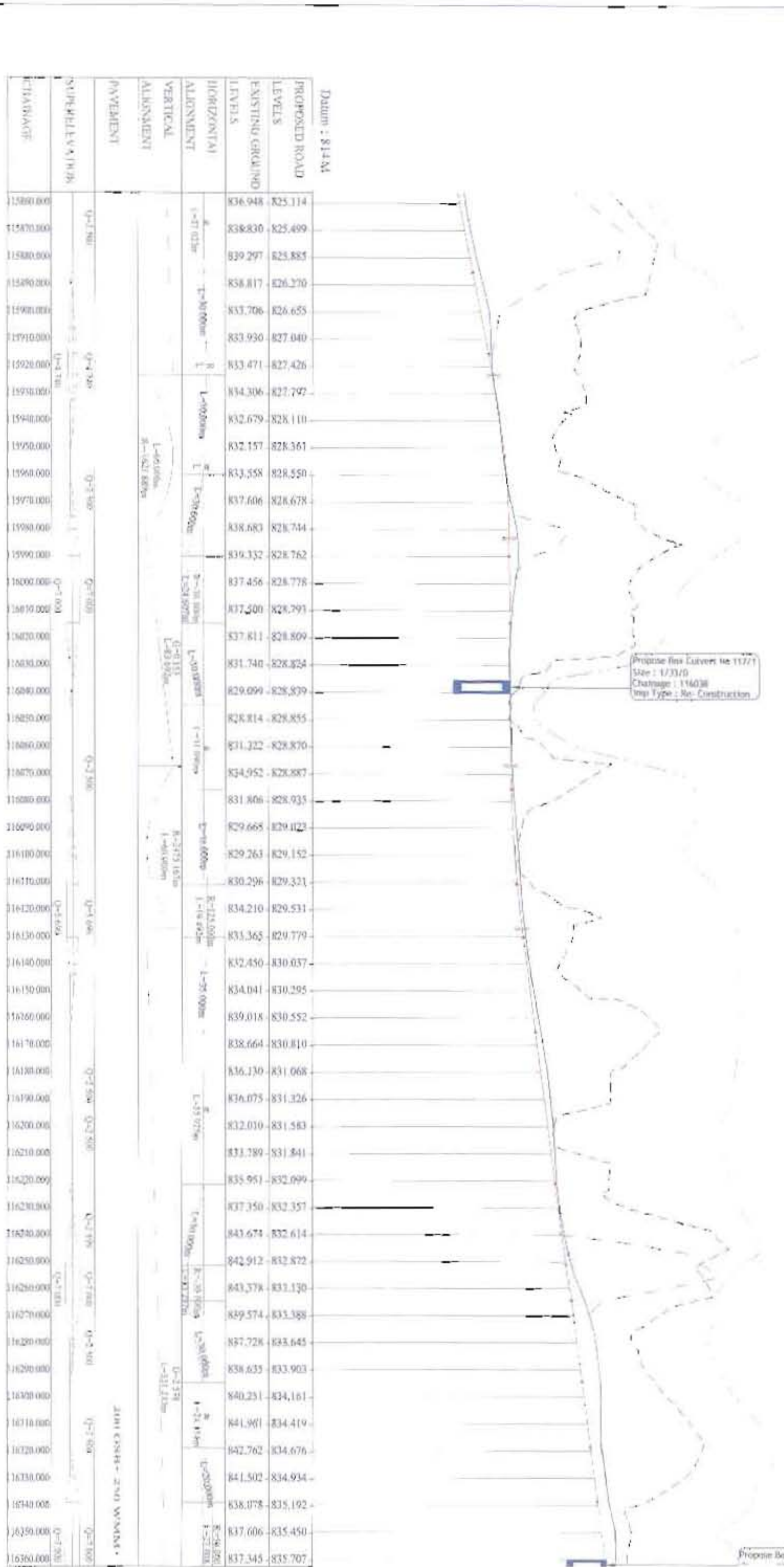


Client: K&J Project Pvt. Ltd.
 Consultant: K&J-ALLIANCE CONSULTANTS (PVT) LTD.
 Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode.
 Package : 4
 From : Km 113.500 to Km 115.860
 Drawn by: K&J-ALLIANCE CONSULTANTS (PVT) LTD.
 Scale : 1:1000
 Date : 11/05/2024

LEGEND

PROFILE

- Propose Level/Profile
- EXIST ROAD LEVEL
- EXIST LEVEL (ROAD OR)
- LEFT FOR LEVEL
- RIGHT FOR LEVEL
- VERT. ALIGNMENT POINT
- BRIDGE WALL
- RETAINING WALL



Datum : 814 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SAIPEL LEVEL (M)	ELEVATION
825.114	836.948					11500.000
825.499	838.830					11520.000
825.885	839.297					11540.000
826.270	838.817					11560.000
826.655	833.706					11580.000
827.040	833.930					11600.000
827.426	833.471					11620.000
827.797	834.306					11640.000
828.110	832.679					11660.000
828.361	832.157					11680.000
828.550	833.558					11700.000
828.678	837.606					11720.000
828.744	838.683					11740.000
828.762	839.332					11760.000
828.778	837.456					11780.000
828.791	837.500					11800.000
828.809	837.811					11820.000
828.824	831.740					11840.000
828.839	829.099					11860.000
828.855	828.814					11880.000
828.870	831.222					11900.000
828.887	834.952					11920.000
828.935	831.806					11940.000
829.023	829.665					11960.000
829.152	829.263					11980.000
829.321	830.296					12000.000
829.531	834.210					12020.000
829.779	833.365					12040.000
830.037	832.450					12060.000
830.295	834.041					12080.000
830.552	839.018					12100.000
830.810	838.664					12120.000
831.068	836.130					12140.000
831.326	836.075					12160.000
831.583	832.010					12180.000
831.841	833.789					12200.000
832.099	835.951					12220.000
832.357	837.350					12240.000
832.614	843.674					12260.000
832.872	842.912					12280.000
833.130	843.378					12300.000
833.388	849.574					12320.000
833.645	837.228					12340.000
833.903	838.635					12360.000
834.161	840.251					12380.000
834.419	841.901					12400.000
834.676	842.762					12420.000
834.934	841.502					12440.000
835.192	838.078					12460.000
835.450	837.606					12480.000
835.707	837.345					12500.000



Propose Box Culvert No 11772

2001 CSRS - 270 WMMB

Client:

Consultant:

Project Name: **Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Kolorang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode**

Scale: 1:10000

Draw No: K&J-AR/CR/RS/2024/001/01/36

Date: 11/01/2024

Sheet No: 36

LEGEND:

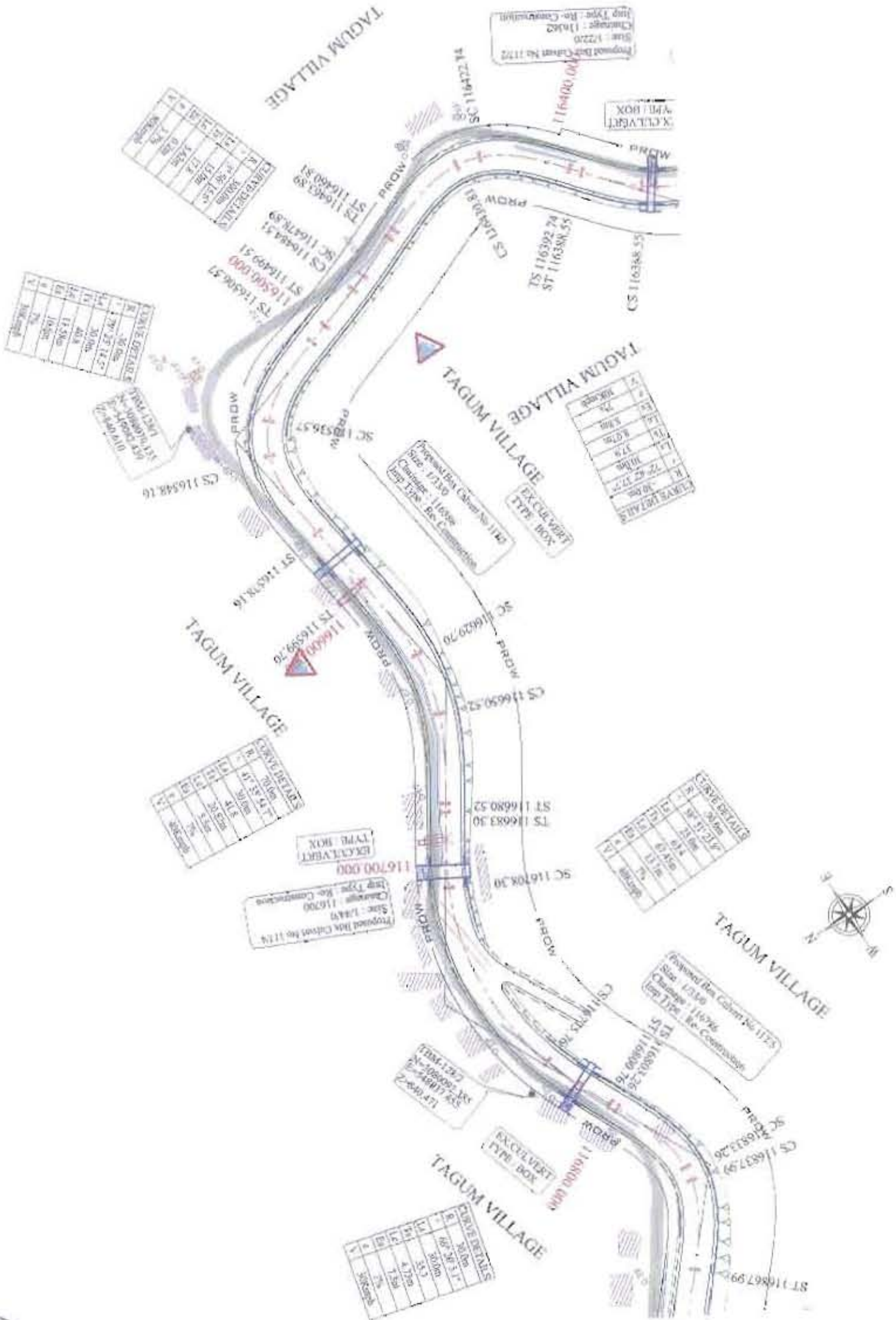
PLAN / PROPOSED:

- TOE LINE
- SH EDGE
- EW EDGE
- CEW LINE
- CVW EDGE
- SW EDGE
- TOE LINE
- HIGH TRANSDUCT (H)
- PROW
- PROW ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BREAKST WALL
- RETAINING WALL

LEGEND:

PLAN / EXISTING:

- OW EDGE
- EW LINE
- CLW EDGE
- EXIST ROAD
- RIVER
- EA BRIDGE
- CONVERT
- DRAIN
- CRICKS ROAD
- KILOME 7 KM POST
- OP
- BP
- HP
- STRUCTURING
- FENCING
- RETAINING WALL
- BREAKST WALL



Client: **K&J Projects Pvt. Ltd.**

Consultant: **Alhambra Engineers & Constructors (P)vt. Ltd.**

Project Name: **Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode**

Plan

Package :- 4 FROM :- Km 116.500 to Km 116.860

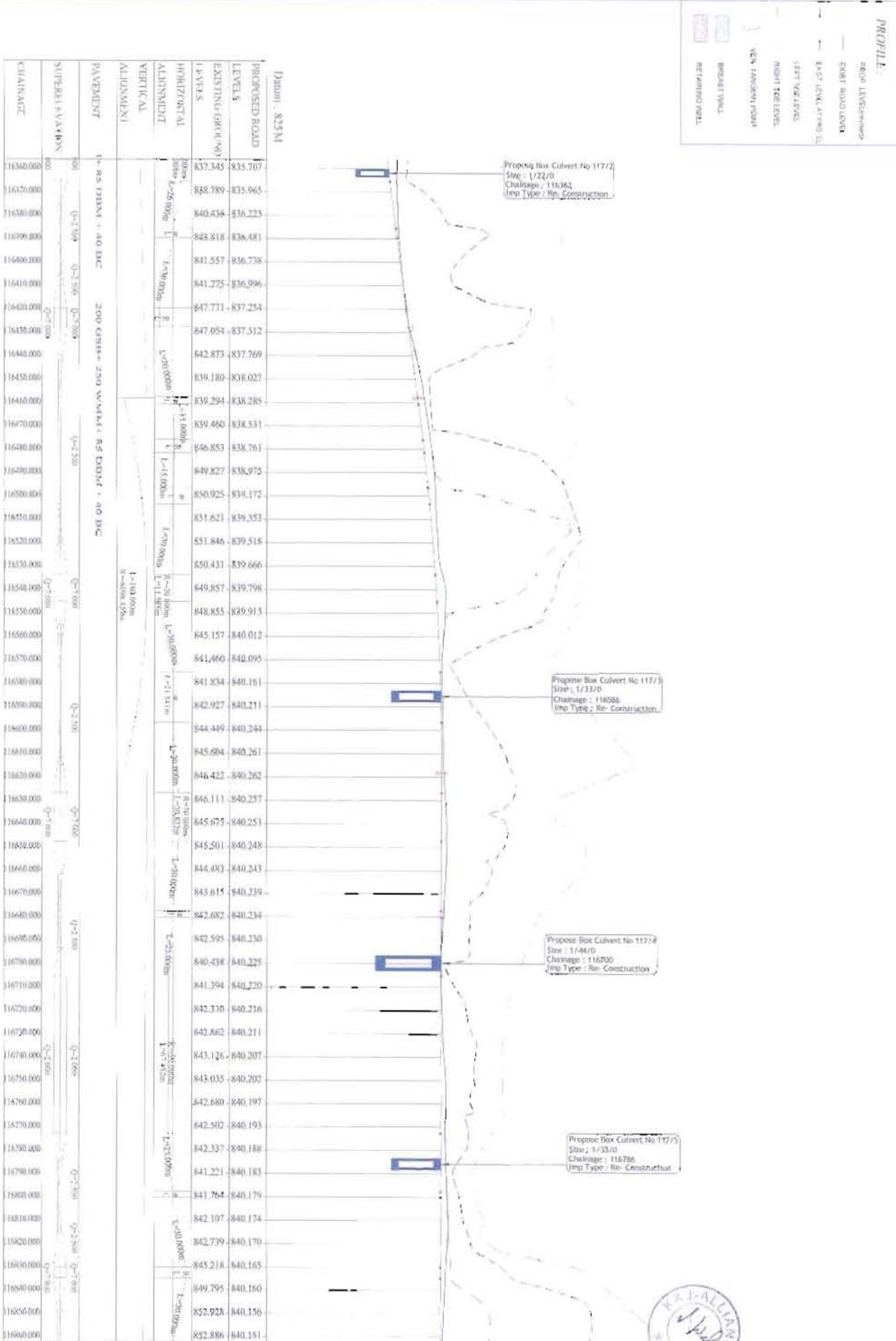
Scale: 1" = 100' (1:3048)

Proj. No: K&J-ALLIANCE/2018/001/001/001/001/001

LEGEND :

PROFILE :

- EXISTING ROAD LEVEL
- PROPOSED ROAD LEVEL
- RIGHT OF WAY LEVEL
- VERTICAL CURVE
- PROPOSED BOX CULVERT
- PROPOSED BRIDGE
- PROPOSED TUNNEL



Propose Box Culvert No 11772
 Size : 1/22/0
 Chainage : 116362
 Imp Type : Re-Construction

Propose Box Culvert No 11773
 Size : 1/33/0
 Chainage : 116586
 Imp Type : Re-Construction

Propose Box Culvert No 11774
 Size : 1/44/0
 Chainage : 116700
 Imp Type : Re-Construction

Propose Box Culvert No 11775
 Size : 1/33/0
 Chainage : 116786
 Imp Type : Re-Construction



Client: K.R.I. ALLIANCE

Consultant: K.R.I. Projects Pte Ltd

Project Name: Consultancy Services for preparation of Detailed Project report for 2-laning of Aurum-Koloriang Road from Km 70.00 to Km 136.00 (Length = 68 Km) in the state of Perlis

Package: 4 From 1.00 to 116.160 to 116.800

Scale: 1:1000

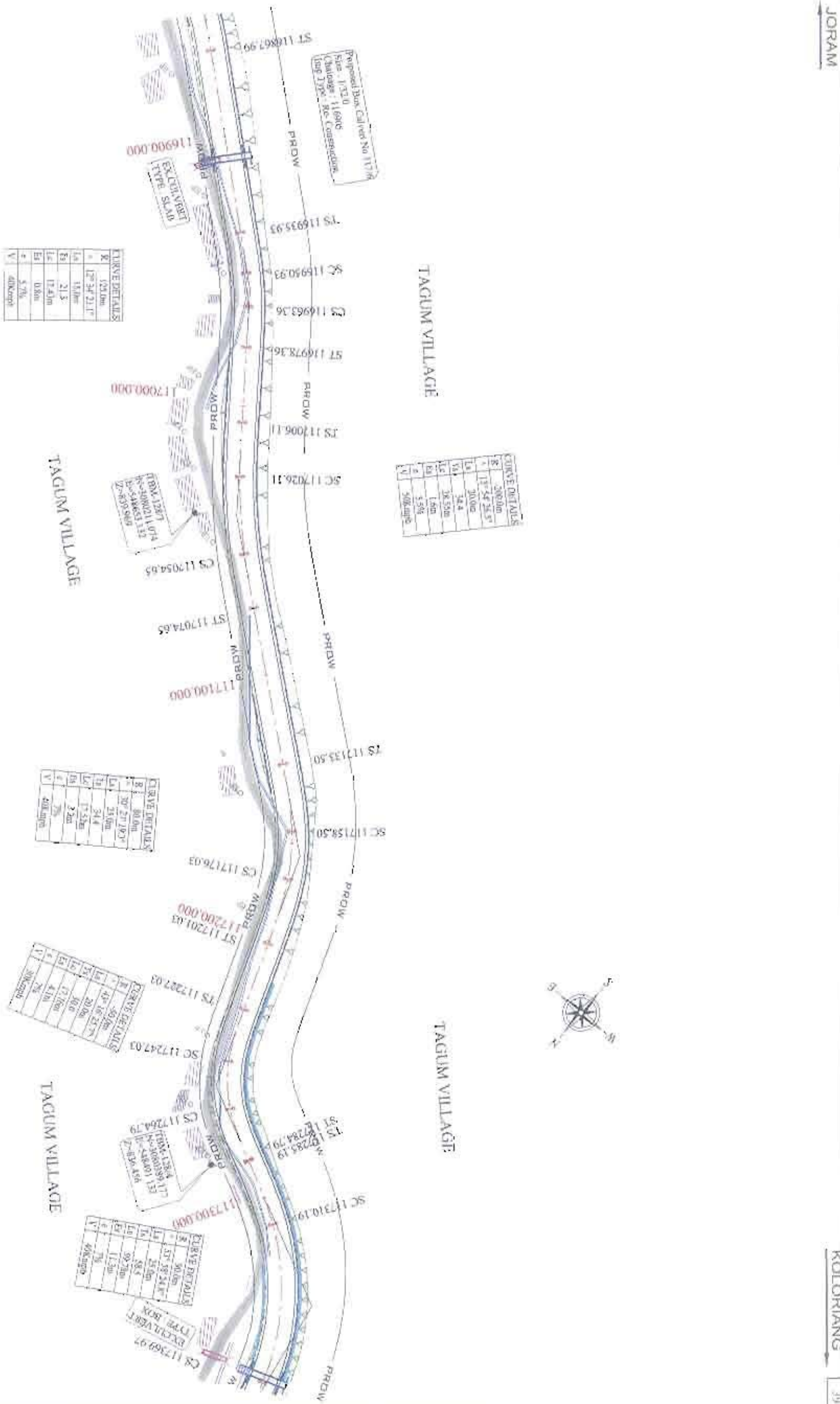
Drawn by: F.A.L.A.C.I.E.R. Road Profile Pg 4-38

LEGEND :

PLAN : UNDISTURBED

	TOE LINE
	EX EDGE
	C/W EDGE
	CEN LINE
	CAN EDGE
	SH EDGE
	TOE LINE
	HOW TANGENT PT
	PROW
	PROP ROW
	OPEN DRAIN
	FOOTPATH
	BRIDGE
	BOX CULVERT
	DRAINAGE WALL
	RETAINING WALL

	OVEREDGE
	CEN LINE
	C/W EDGE
	EXIST ROAD
	RIVER
	EX BRIDGE
	CULVERT
	DRAIN
	CROSS FORD
	WILDMETER POST
	EP
	M/F
	STRUCTURE
	FENCING
	HW/SHED WALL
	BREAST WALL



Client:

Consultant:

Project Name: **Commuter Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from km 70.00 to km 138.00 (Length = 68 km) to the state of Arunachal Pradesh under SARDP- NE on F/F Mode**

Package: 4

Drawn: Km 116.800 to Km 117.360

Scale: 1:1000

Sheet: 39

Project No: K&J-ALLIANCE Road/Package 4/39

Scale: 1:1000

Sheet: 39



LEGEND :

PROFILE :

- PROJ. LEVEL/ROAD
- EXIST. ROAD LEVEL
- EXIST. LEVEL AT P.W. (L)
- LEFT TOP LEVEL
- RIGHT TOP LEVEL
- VERT. TANGENT POINT
- GRABOT WALL
- RETAINING WALL



Propose Box Culvert No 117/6
 Size : 1.52/0
 Chaining : 116905
 Imp Type : Re-Construction

Datum : 832 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAYMENT	SURFACE ELEVATION	CHAINAGE
840.151	852.886					116860.000
840.147	852.359					116870.000
840.142	851.860					116880.000
840.157	851.437					116890.000
840.133	849.893					116900.000
840.128	847.404					116910.000
840.124	846.362					116920.000
840.119	841.846					116930.000
840.114	841.075					116940.000
840.110	841.105					116950.000
840.105	841.141					116960.000
840.100	844.611					116970.000
840.096	830.595					116980.000
840.091	852.805					116990.000
840.087	854.891					117000.000
840.082	851.143					117010.000
840.077	850.019					117020.000
840.073	849.357					117030.000
840.064	847.631					117040.000
840.064	843.235					117050.000
840.059	842.308					117060.000
840.054	842.364					117070.000
840.050	844.165					117080.000
840.045	845.493					117090.000
840.041	852.317					117100.000
840.036	855.242					117110.000
840.031	854.551					117120.000
840.027	855.606					117130.000
840.022	850.879					117140.000
840.017	842.471					117150.000
840.013	841.050					117160.000
840.008	840.722					117170.000
840.004	842.831					117180.000
839.999	845.279					117190.000
839.994	847.616					117200.000
839.990	848.682					117210.000
839.985	846.834					117220.000
839.981	843.530					117230.000
839.976	843.740					117240.000
839.971	842.206					117250.000
839.967	849.134					117260.000
839.962	847.962					117270.000
839.958	845.251					117280.000
839.953	840.785					117290.000
839.948	842.520					117300.000
839.944	843.747					117310.000
839.939	844.340					117320.000
839.934	848.085					117330.000
839.930	849.110					117340.000
839.925	849.646					117350.000
839.921	840.267					117360.000

Client:

Consultant:

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode

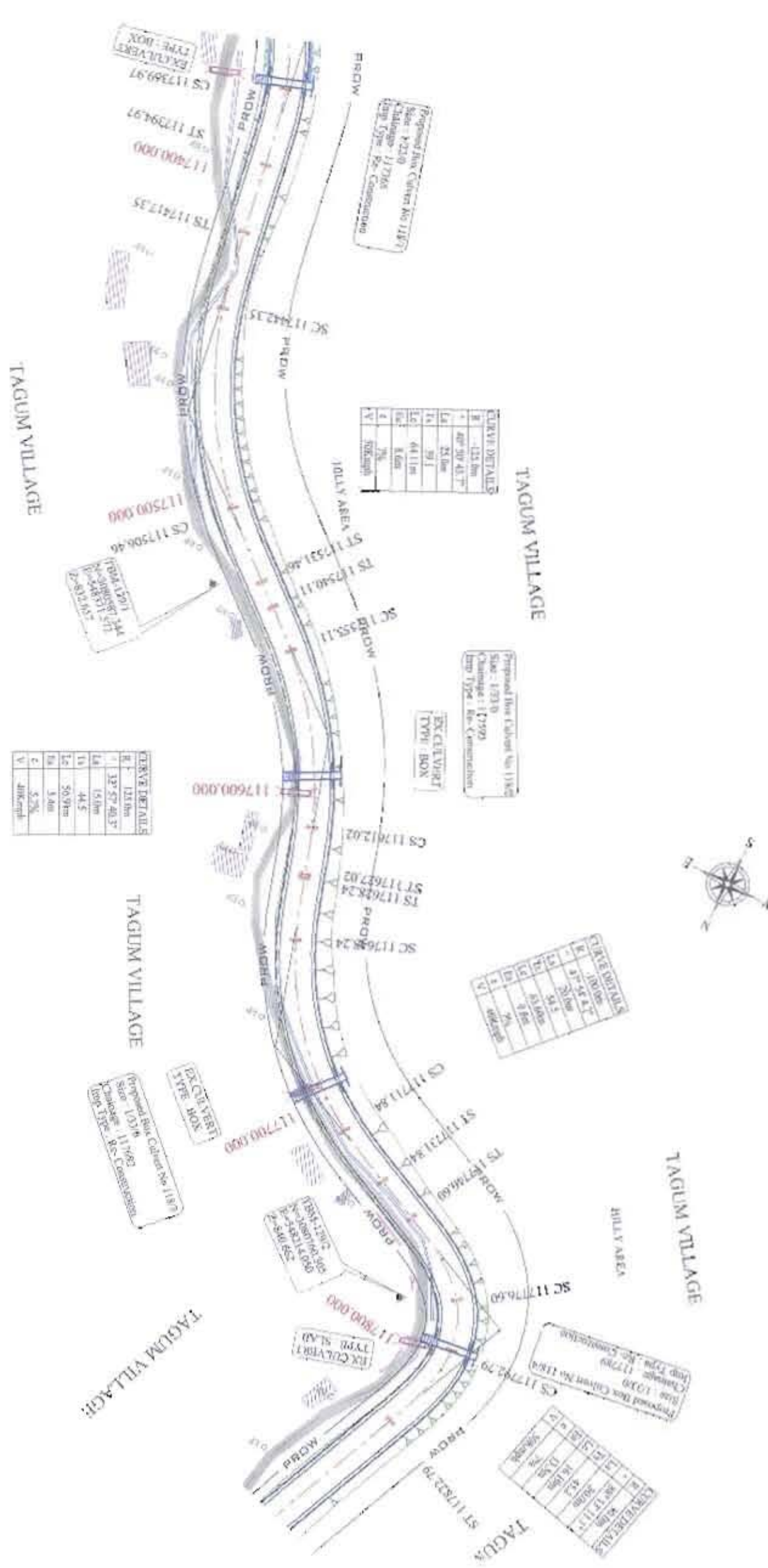
Longitudinal Profile

Scale: 1:1000

Fig No: K&A/EC/216 Road Profile/4-41

LEGEND :
PLAN : **PROPOSED**

	TOE LINE
	SH EDGE
	C/W EDGE
	C/S LINE
	C/W EDGE
	SH EDGE
	TIDE LINE
	HIDE PLACEMENT PT
	PROPOSED
	EXISTING
	DRAIN
	EXIST ROAD
	RIVER
	EXCHANGE
	QUARRY
	DRAIN
	CROSS ROAD
	R/W DIAMETER POST
	G.P.P.
	I.P.T.
	STRUCTURE
	FENCING
	RETAINING WALL
	BREAST WALL

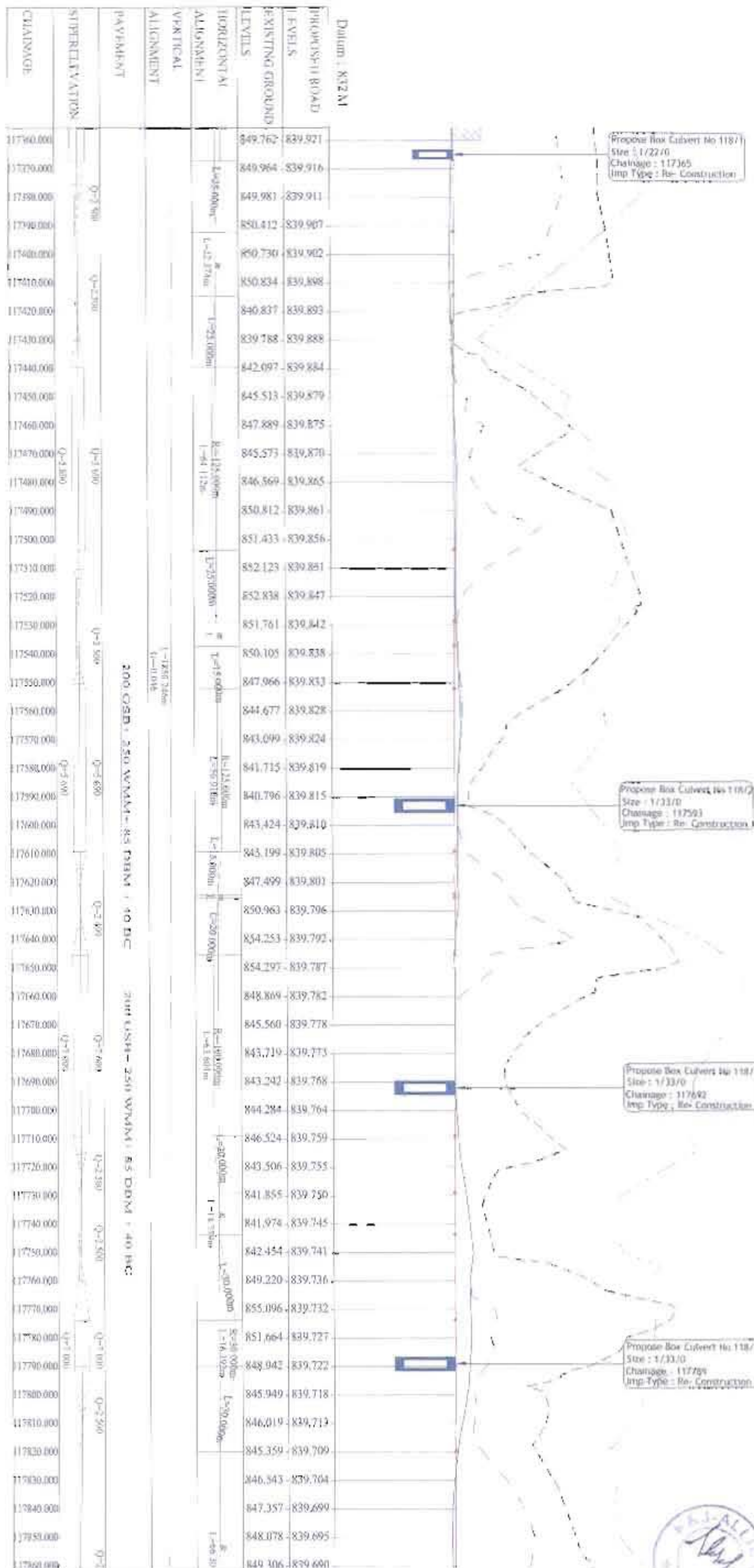


Client: **K&J Alliance**
 Consultant: **K&J Alliance**
 Project Name: **Consultancy Services for preparation of Detailed Project report for 2-laning of**
Joram-Kohatiang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of
Arundachal Pradesh under SARDP-NE on EPC Mode.
 Package :- 4 | Form :- Km. 117.560 to Km. 117.560
 Plan
 Scale :- 1:1000
 Date :- 11/05/2011
 No. :- 11/05/2011
 Date :- 11/05/2011



LEGEND :

- PROFILE :**
- PROPOSED LEVELLING
 - EXISTING ROAD LEVEL
 - EXISTING LEVEL AT ROAD CL
 - LEFT SIDE LEVEL
 - RIGHT SIDE LEVEL
 - VERT TANGENT POINT
 - BREAST WALL
 - RETAINING WALL



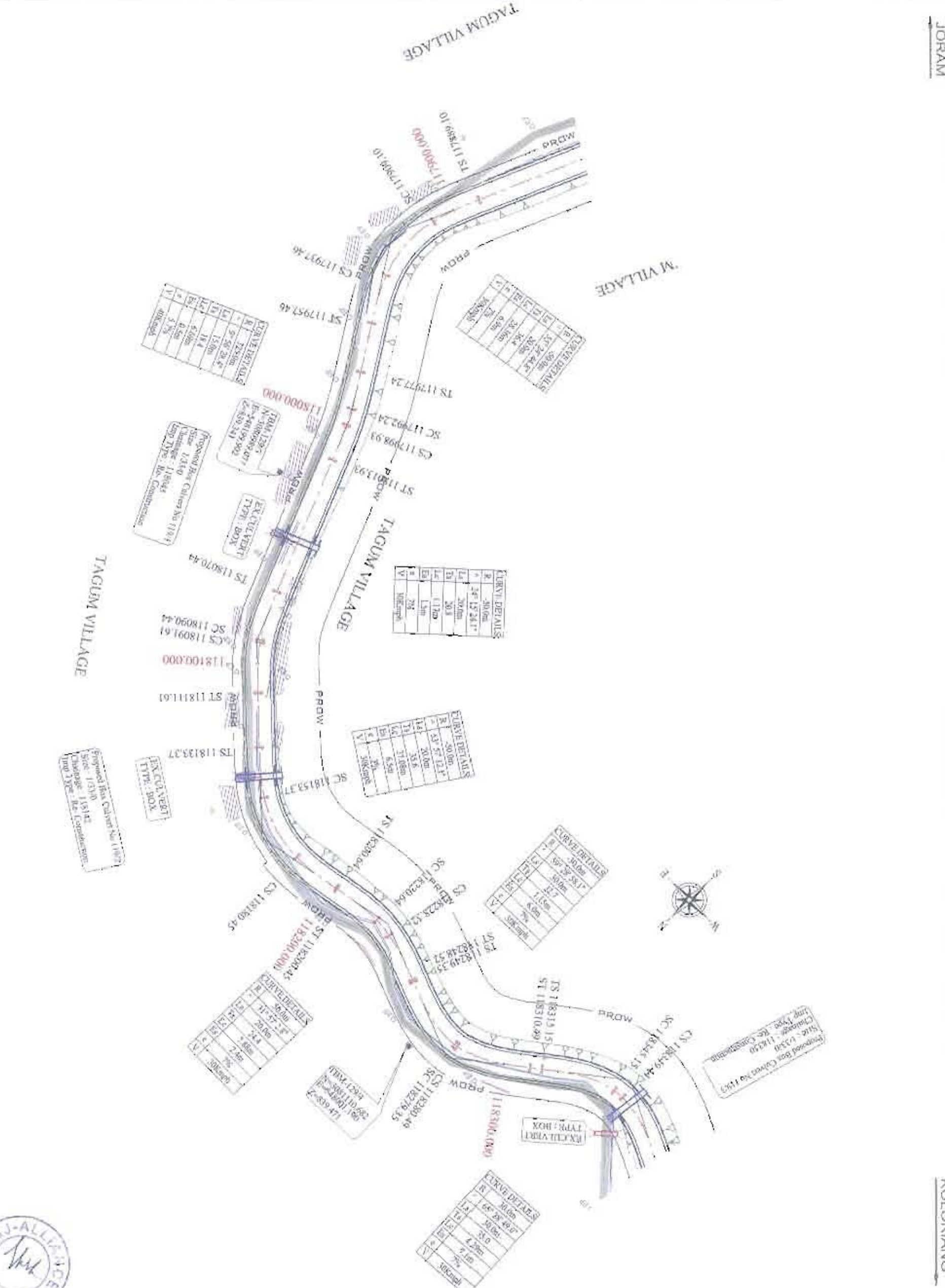
Client: **ALLIANCE ENGINEERS & CONSULTANTS (PVT) LTD**
 Consultant: **K.A.J. Projects Pvt Ltd**
 Project Name: **Engineering Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode**
 Drawing No: **K.A.J.E.C.025 Road/Profile/42/42**
 Scale: **1:1000**
 Date: **11/08/2024**

LEGEND :

	TOE LINE
	SH EDGE
	CW EDGE
	CEN LINE
	CW EDGE
	SH EDGE
	TOE LINE
	HOR VANGENRST
	PROP RIVE
	OPEN DRAIN
	FOOTPATH
	BRIDGE
	BOX CULVERT
	BREAST WALL
	RETAINING WALL

PLAN :

	EXISTING
	CAMELISE
	CEN LINE
	CW EDGE
	EXIST ROAD
	KIVER
	EX BRIDGE
	CULVERT
	DRAIN
	CROSS ROAD
	WELDMETER POINT
	E.P.
	M.P.
	STRUCTURE
	FENCING
	RETAINING WALL
	BREAST WALL



Client: K. & J. Projects Pvt. Ltd.

Consultant: Alliance Engineers & Consultants (P)vt. Ltd.

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-WE on EPC Mode.

Package :- a **Plan** **From :- Km 117.850 to Km 118.308**

Scale :- 1:1000

Draw No. KA-AR-ECOR-RoadRpt-09/4/13

Scale :- 1:1000

Client: K. & J. Projects Pvt. Ltd.

Consultant: Alliance Engineers & Consultants (P)vt. Ltd.

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-WE on EPC Mode.

Package :- a **Plan** **From :- Km 117.850 to Km 118.308**

Scale :- 1:1000

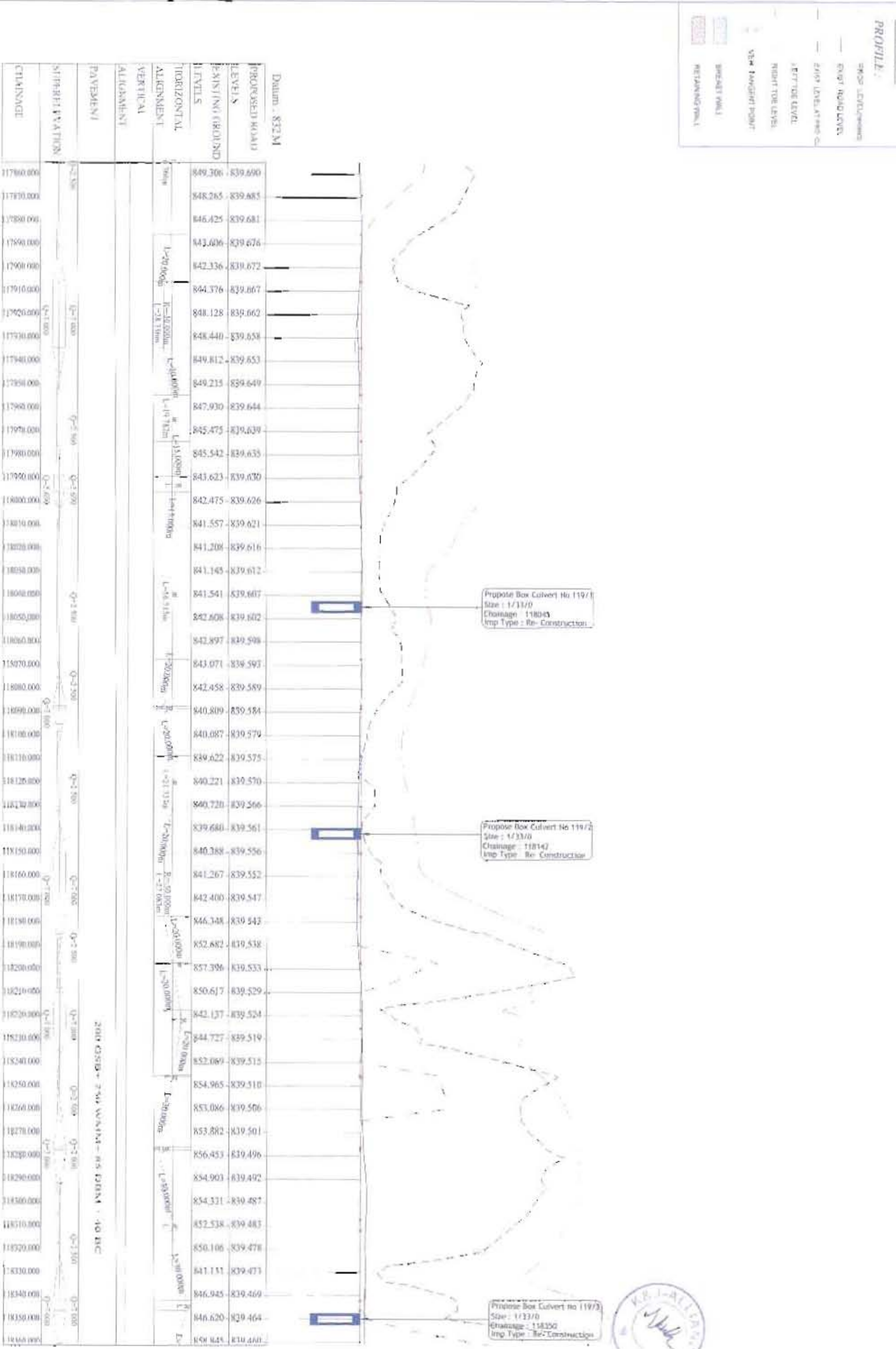
Draw No. KA-AR-ECOR-RoadRpt-09/4/13

Scale :- 1:1000



LEGEND:

- PROPOSED DEVELOPMENT
- EXIST ROAD LEVEL
- 2019 LEVEL AT 400 CL
- LEFT-TOE LEVEL
- RIGHT TOE LEVEL
- NEW EMBANKMENT POINT
- BREAK WALL
- RETAINMENT WALL



Propose Box Culvert No 119/1
 Size : 1/13/0
 Chainage : 118045
 Imp Type : Re-Construction

Propose Box Culvert No 119/2
 Size : 1/13/0
 Chainage : 118142
 Imp Type : Re-Construction

Propose Box Culvert No 119/3
 Size : 1/13/0
 Chainage : 118350
 Imp Type : Re-Construction



Client: **K & J Praktek Pvt Ltd**
 Alliance Engineers & Consultants (Pvt) Ltd
 11/13, Jalan Kuning, 11000 Kuala Lumpur, Malaysia

Project Name: **Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.60 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARIP-SP on EPC Mode**

Package : 4 From : Km 117.850 to Km 118.350

Scale: 1:10000
 Date: 11/01/2024

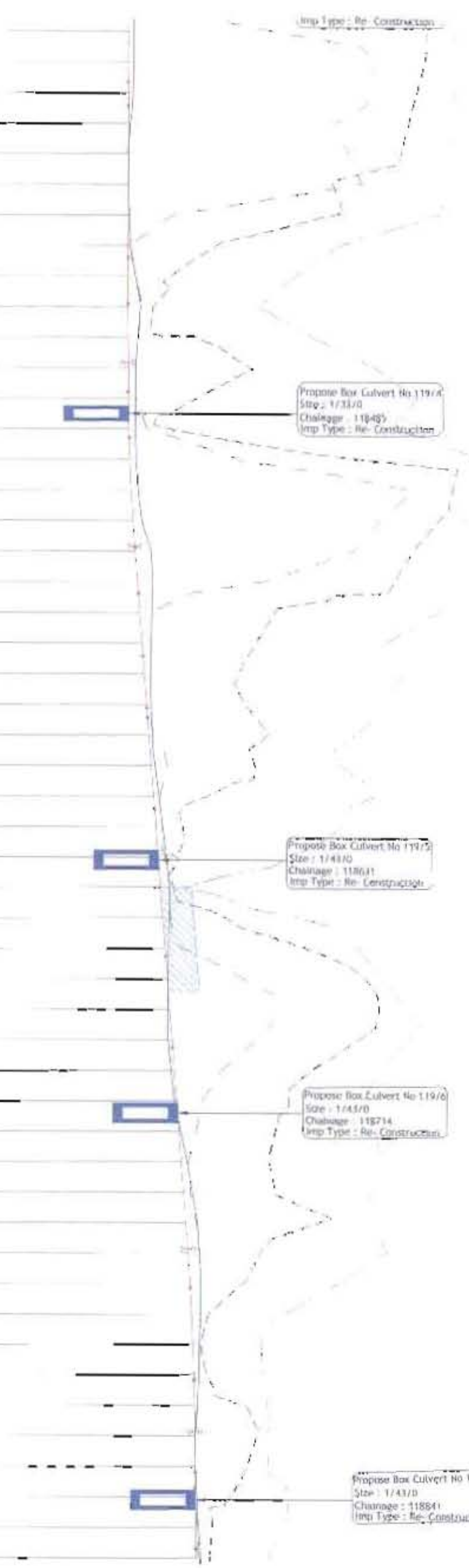
Drawn by: **KRI-ALLIANCE**
 Checked by: **KRI-ALLIANCE**

LEGEND:

- PROFILE:**
- PROPOSED LEVEL/ROADWAY
 - EXISTING ROAD LEVEL
 - EXISTING LEVEL AT ROAD CUT
 - LEFT OF LEVEL
 - RIGHT OF LEVEL
 - VERT. TAKEOFF POINT
 - BREAKWALL
 - RETAINING WALL

Dukuh, 829 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	VERTICAL ALIGNMENT	PAVEMENT	VERTICAL ALIGNMENT	PAVEMENT	VERTICAL ALIGNMENT	PAVEMENT
839.460	838.845	L=300.00m R=1400.00m L=20.00m	200 GSD x 250 W/MIN - R5 120MM	L=40.00m R=1000.00m L=20.00m	200 GSD x 250 W/MIN - R5 120MM	L=40.00m R=1000.00m L=20.00m	200 GSD x 250 W/MIN - R5 120MM
839.455	838.708						
839.450	838.193						
839.446	837.665						
839.441	837.166						
839.436	832.723						
839.432	832.707						
839.427	845.161						
839.423	842.182						
839.418	841.075						
839.413	843.837						
839.409	847.308						
839.421	843.881						
839.429	842.169						
839.522	854.711						
839.611	860.470						
839.725	859.575						
839.865	857.920						
840.013	856.702						
840.161	848.943						
840.310	847.705						
840.458	846.562						
840.607	847.030						
840.755	848.496						
840.904	847.633						
841.052	844.589						
841.201	842.951						
841.349	842.561						
841.497	842.329						
841.646	845.753						
841.794	851.034						
841.943	854.843						
842.091	855.712						
842.240	854.348						
842.388	851.286						
842.537	849.813						
842.685	848.057						
842.833	848.544						
842.982	848.958						
843.130	831.798						
843.279	847.957						
843.412	846.862						
843.522	844.604						
843.608	844.120						
843.671	844.521						
843.711	846.849						
843.727	847.743						
843.734	847.098						
843.741	846.042						
843.748	844.850						
843.756	844.674						



Propose Box Culvert No 119/4
 Size : 1/33/0
 Chainage : 11845
 Imp Type : Re-Construction

Propose Box Culvert No 119/5
 Size : 1/43/0
 Chainage : 11861
 Imp Type : Re-Construction

Propose Box Culvert No 119/6
 Size : 1/45/0
 Chainage : 11874
 Imp Type : Re-Construction

Propose Box Culvert No 119/7
 Size : 1/43/0
 Chainage : 11851
 Imp Type : Re-Construction



LEGEND:

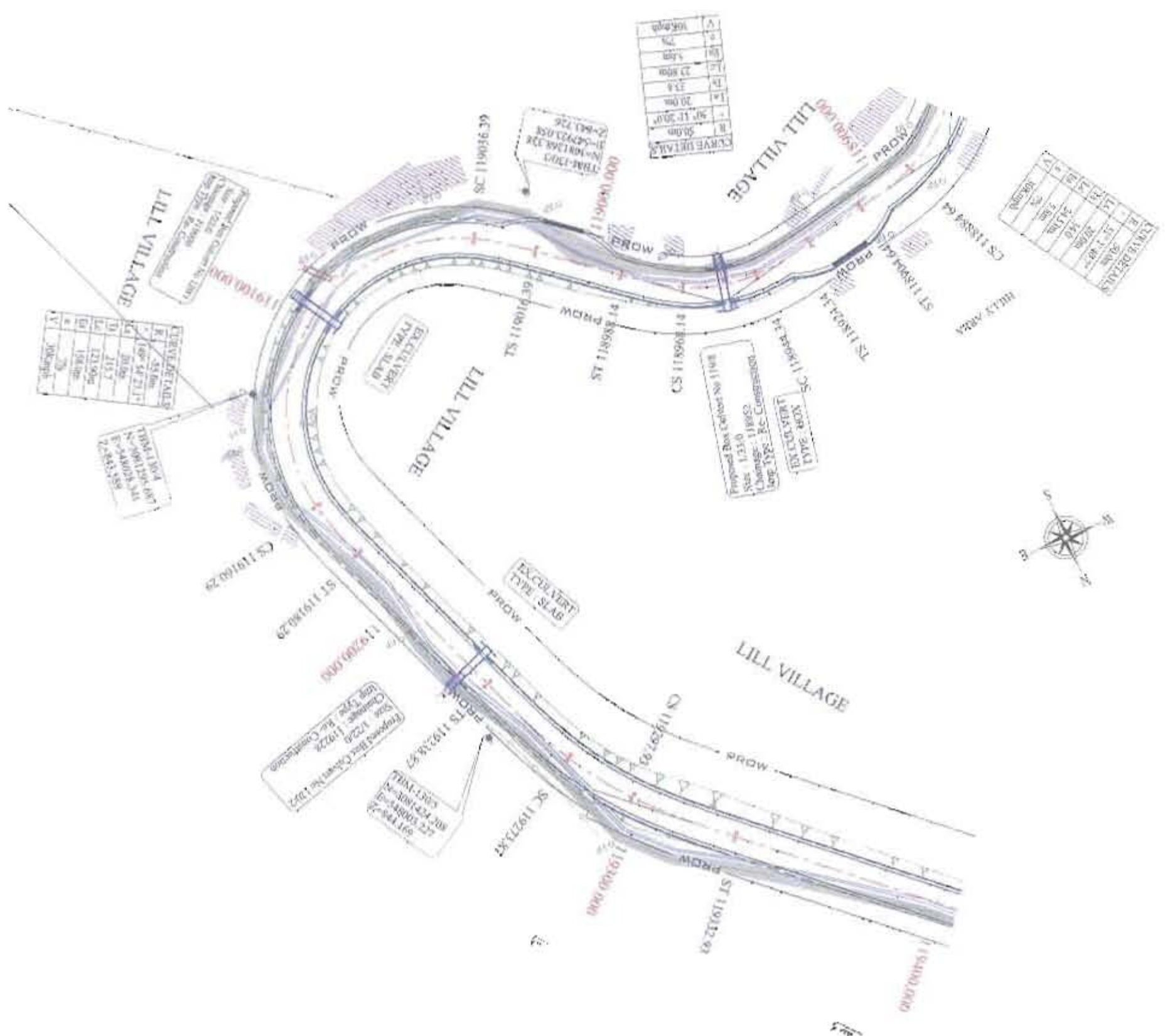
PLAN - PROPOSED



- TOE LINE
- SOE EDGE
- C/W/ROCK
- SEEN LINE
- C/W/DOOR
- SH EDGE
- 10E LINE
- LINE TANGENT PT
- PROW
- PROW HOW
- OPEN DRAIN
- FOOT PATH
- RAIODE
- BOX CULVERT
- BREAST WALL
- RETAINING WALL

LEGEND:

PLAN - EXISTING

- C/W/EDGE
- C/W/LINE
- C/W/DOOR
- EXIST. ROAD
- RIVER
- EX BRIDGE
- DIVERT
- DRAIN
- CROSS ROAD
- RAIODE TYP. POST
- EP
- EP
- MTP
- STRUCTURE
- FENCING
- RETAINING WALL
- BREAST WALL




Client:  Consultant:  Project Name: Consultancy Services for preparation of Detailed Project report for 2-laning of Joram-Kohitang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NF on F.Y. Mode

Plan

Package :- 4 From - Km 118.800 to Km 119.200

Dwg No: KAJ-REG/CM Road/Reg/07/17

Scale: 1:500





LEGEND:

- PROF LEVEL/ROAD
- EXIST ADJAC LEVEL
- EXIST ELEVATION/ROAD
- LEFT TOE LEVEL
- RIGHT TOE LEVEL
- PER TANGENT POINT
- BREAK WALL
- RETAINING WALL

Station : 833.84

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SUPERELEVATION	FINISHING
844.674	843.756	R=20.000m	L=20.000m	40 BCT	0-1.500	11880.000
844.720	843.763	R=20.000m	L=20.000m	200 CSM+ 250 W/MAN+ 85 DBM+ 40 BCT	0-1.500	118870.000
844.706	843.770	R=20.000m	L=20.000m		0-1.500	118900.000
845.083	843.777	R=20.000m	L=20.000m		0-1.500	118930.000
845.149	843.785	R=20.000m	L=20.000m		0-1.500	118960.000
845.679	843.792	R=20.000m	L=20.000m		0-1.500	118990.000
845.314	843.799	R=20.000m	L=20.000m		0-1.500	119020.000
845.893	843.806	R=20.000m	L=20.000m		0-1.500	119050.000
845.226	843.814	R=20.000m	L=20.000m		0-1.500	119080.000
844.701	843.821	R=20.000m	L=20.000m		0-1.500	119110.000
844.175	843.828	R=20.000m	L=20.000m		0-1.500	119140.000
844.232	843.835	R=20.000m	L=20.000m		0-1.500	119170.000
844.300	843.843	R=20.000m	L=20.000m		0-1.500	119200.000
846.445	843.850	R=20.000m	L=20.000m		0-1.500	119230.000
846.043	843.857	R=20.000m	L=20.000m		0-1.500	119260.000
849.890	843.864	R=20.000m	L=20.000m		0-1.500	119290.000
851.959	843.872	R=20.000m	L=20.000m		0-1.500	119320.000
851.077	843.879	R=20.000m	L=20.000m		0-1.500	119350.000
848.137	843.886	R=20.000m	L=20.000m		0-1.500	119380.000
848.895	843.893	R=20.000m	L=20.000m		0-1.500	119410.000
849.368	843.901	R=20.000m	L=20.000m		0-1.500	119440.000
849.950	843.908	R=20.000m	L=20.000m		0-1.500	119470.000
850.686	843.915	R=20.000m	L=20.000m		0-1.500	119500.000
849.037	843.922	R=20.000m	L=20.000m		0-1.500	119530.000
844.347	843.930	R=20.000m	L=20.000m		0-1.500	119560.000
844.701	843.937	R=20.000m	L=20.000m		0-1.500	119590.000
849.101	843.944	R=20.000m	L=20.000m		0-1.500	119620.000
853.098	843.951	R=20.000m	L=20.000m		0-1.500	119650.000
853.339	843.959	R=20.000m	L=20.000m		0-1.500	119680.000
853.640	843.966	R=20.000m	L=20.000m		0-1.500	119710.000
848.659	843.973	R=20.000m	L=20.000m		0-1.500	119740.000
844.162	843.980	R=20.000m	L=20.000m		0-1.500	119770.000
844.255	843.988	R=20.000m	L=20.000m		0-1.500	119800.000
843.452	843.995	R=20.000m	L=20.000m		0-1.500	119830.000
844.620	844.002	R=20.000m	L=20.000m		0-1.500	119860.000
850.856	844.009	R=20.000m	L=20.000m		0-1.500	119890.000
851.291	844.017	R=20.000m	L=20.000m		0-1.500	119920.000
850.106	844.024	R=20.000m	L=20.000m		0-1.500	119950.000
847.999	844.031	R=20.000m	L=20.000m		0-1.500	119980.000
846.038	844.038	R=20.000m	L=20.000m		0-1.500	120010.000
845.720	844.046	R=20.000m	L=20.000m		0-1.500	120040.000
847.280	844.053	R=20.000m	L=20.000m		0-1.500	120070.000
851.468	844.060	R=20.000m	L=20.000m		0-1.500	120100.000
854.206	844.067	R=20.000m	L=20.000m		0-1.500	120130.000
855.313	844.075	R=20.000m	L=20.000m		0-1.500	120160.000
856.441	844.082	R=20.000m	L=20.000m		0-1.500	120190.000
856.814	844.089	R=20.000m	L=20.000m		0-1.500	120220.000
856.534	844.096	R=20.000m	L=20.000m		0-1.500	120250.000
856.263	844.104	R=20.000m	L=20.000m		0-1.500	120280.000
851.212	844.111	R=20.000m	L=20.000m		0-1.500	120310.000
847.153	844.118	R=20.000m	L=20.000m		0-1.500	120340.000

Propose Box Culvert No 119/8
 Size : 1/33/0
 Chainage : 118952
 Imp Type : Re-Construction

Propose Box Culvert No 120/1
 Size : 1/22/0
 Chainage : 119090
 Imp Type : Re-Construction

Propose Box Culvert No 120/2
 Size : 1/22/0
 Chainage : 119228
 Imp Type : Re-Construction



Client: K & J Project, Pte Ltd
 Consultant: Alliance Engineers & Consultants (P) Ltd
 Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on FPC Mode
 Package : 4 From : Km 118.840 to Km 119.360
 Scale: 1:1000
 Date: 05/05/2024

LEGEND :

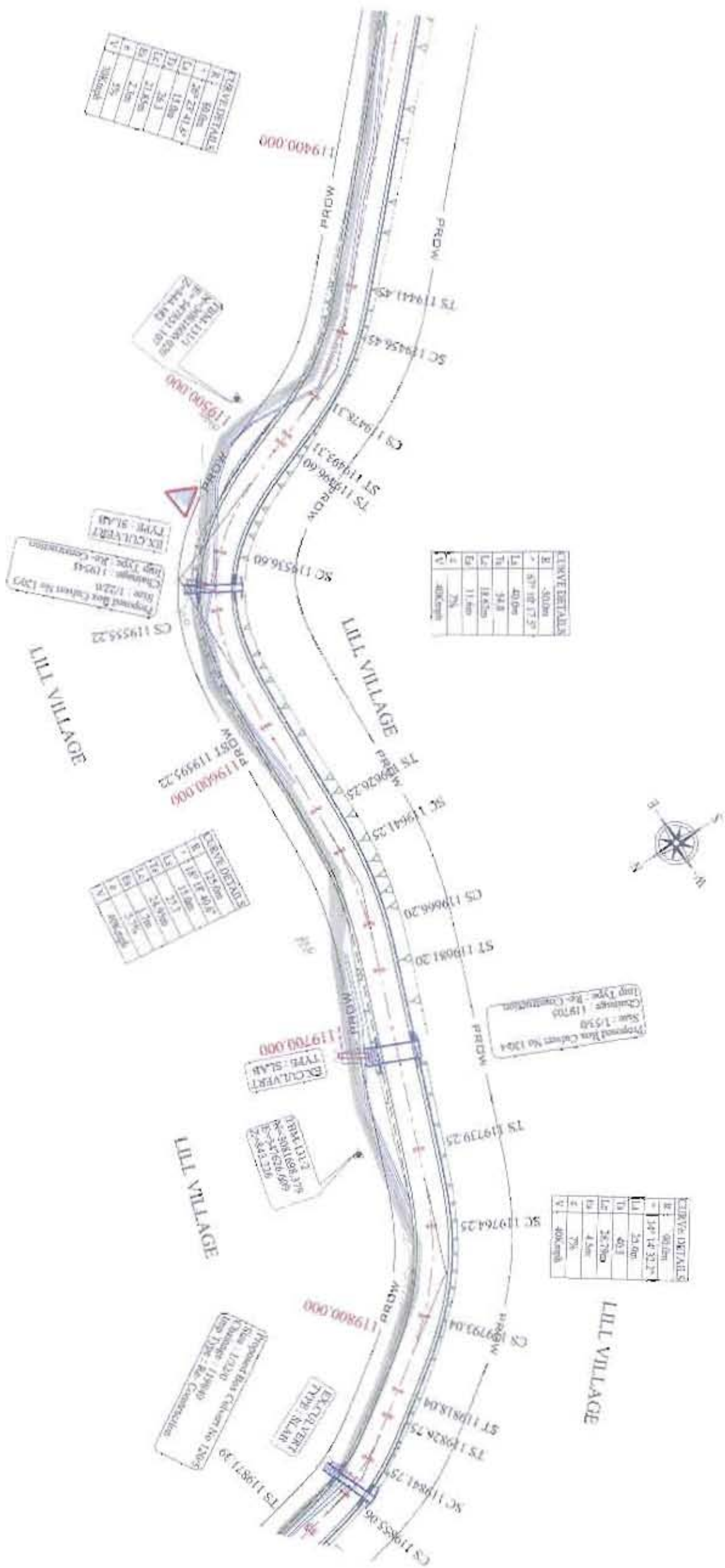
PLAN :

- TOE LINE
- SH EDGE
- CW EDGE
- CEM LINE
- CVI EDGE
- SH EDGE
- SH LINE
- NOE LINE
- HOR TANGENT ST
- PROF ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- GREAT WALL
- RETAINING WALL

LEGEND :

PLAN :

- EXISTING
- DIVIDOR
- CEM LINE
- CVI EDGE
- EXIST ROAD
- RIVER
- EX BRIDGE
- CULVERT
- DRAIN
- CRACK ROAD
- ML QUARTER POST
- EA
- EA
- STRUCTURE
- REPAIRING WALL
- BRICK WALL



Client: K & J Projects Pvt Ltd
Consultant: Alliance Engineers & Consultants (P) Ltd
Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP- NE on FVC Mode

Plan

Package : 4 **From :** Km 119.360 to Km 119.800

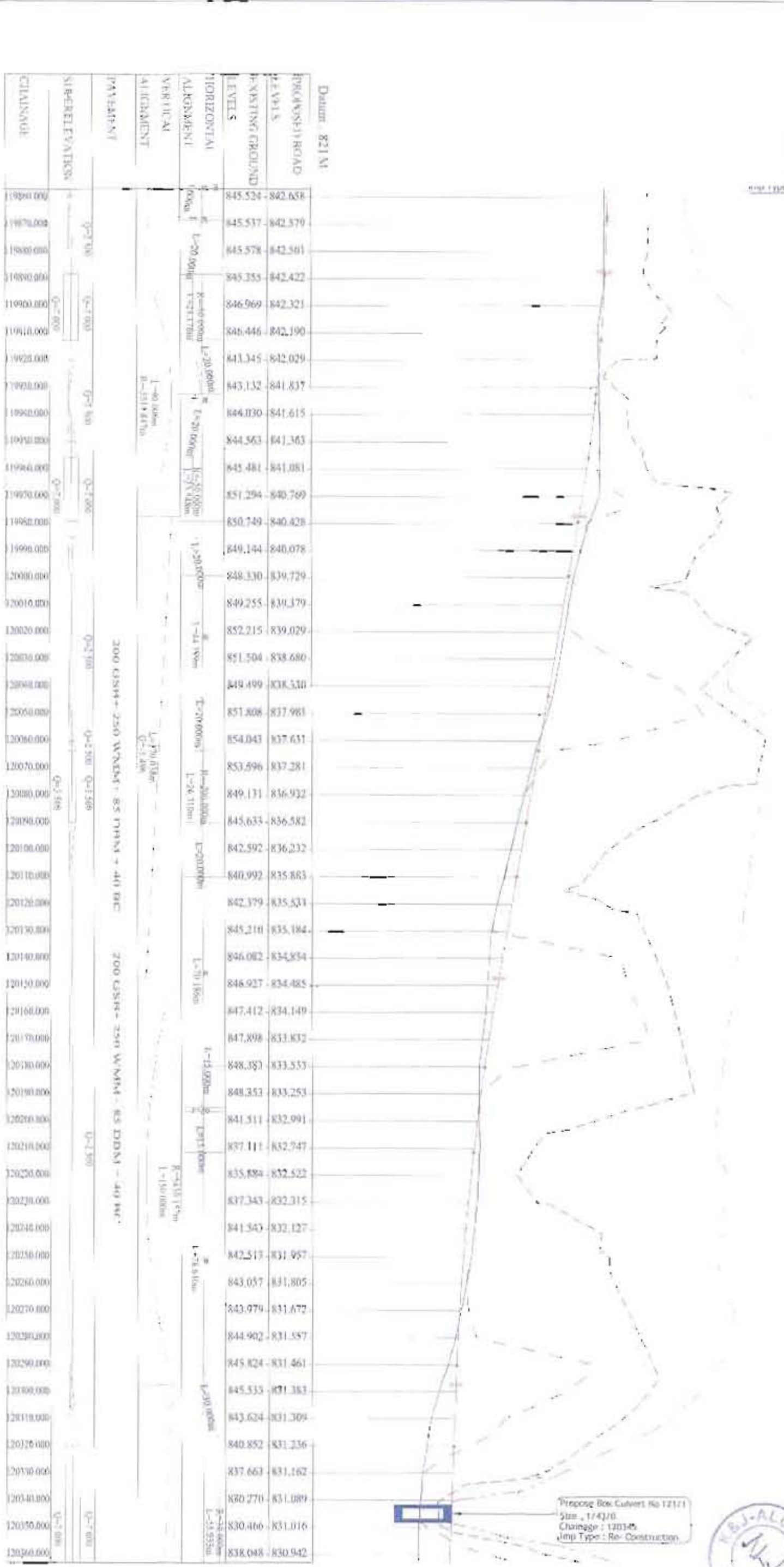
Fig No: R22AEOC/R/ROAD/SP/04/49
Scale: 1:10000
Date: 02/02/2019



LEGEND:

PROFILE:

- PROPOSED ROAD LEVEL
- EXIST. ROAD LEVEL
- EXIST. LEVEL AT PWD
- 1 FT TO 100 LEVEL
- 1 CM TO 100 LEVEL
- VERT. TANGENT POINT
- GRASSY WALL
- RETAINING WALL



Propose Box Culvert No 12111
 Size : 1.43/1.0
 Chainage : 120145
 Imp Type : Re-Construction



Client: K&A Projects Pvt. Ltd.

Consultant: Alliance Engineers & Consultants PVT. Ltd.

Project Name: Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SAKIP-NE on EPC Mode

Scale: 1:1000

Sheet No: K&A/ARUNACHAL/Recon/Profile/04 & 52

LEGEND:

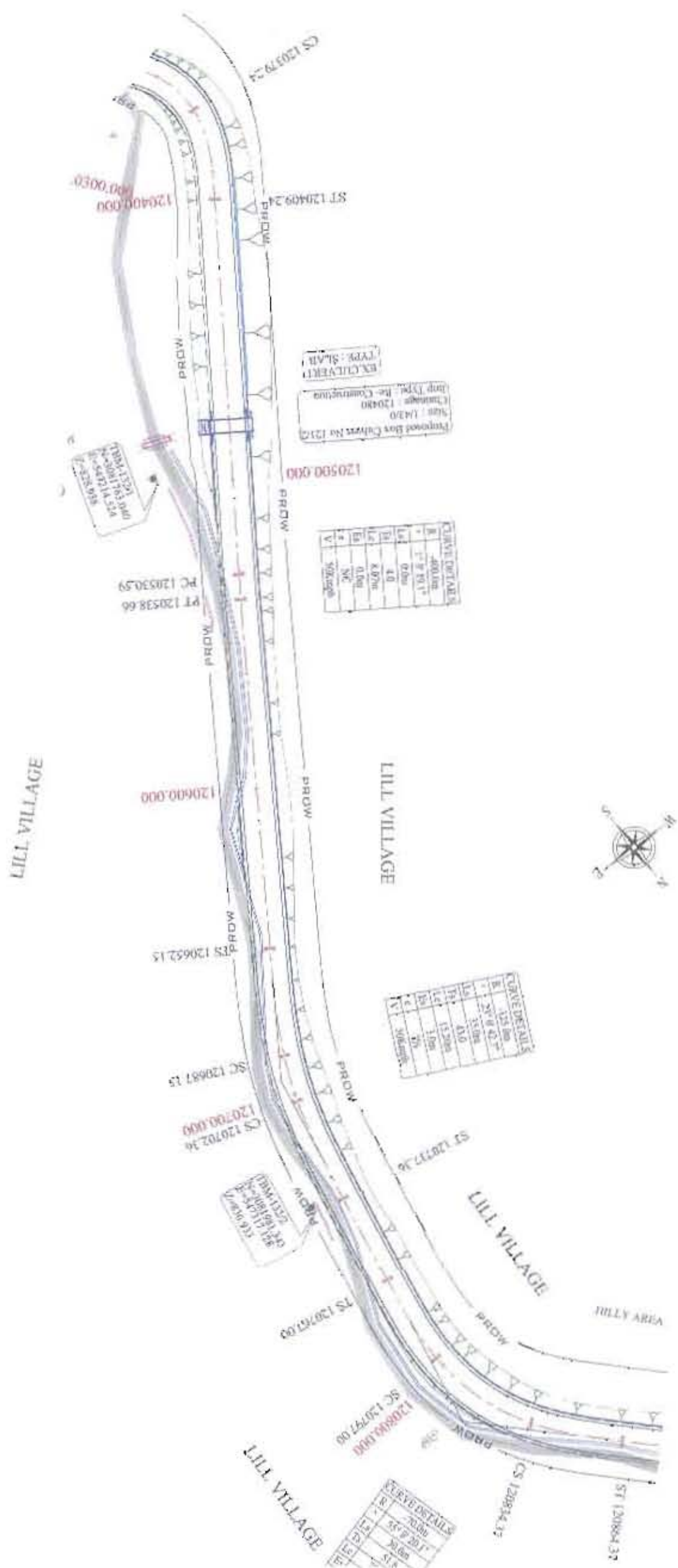
PLAN : **PROPOSED**

- TOE LINE
- SW EDGE
- GW EDGE
- CDN LINE
- EW EDGE
- SW EDGE
- KOR LINE
- FOR TANGKAP BT
- PROP ANV
- DREN BWHM
- FISHPATH
- SPROCK
- BOX CULVERT
- BREAST WALL
- RETAINING WALL

LEGEND:

PLAN : **EXISTING**

- CDN LINE
- GW EDGE
- EXIST ROAD
- NIWM
- EXHURKE
- CULVERT
- DRAIN
- CROSS ROAD
- KALAMETER FORN
- SF
- PTP
- STRUCTURE
- FENCING
- RETAINING WALL
- BREAK WALL



CURVE DATA TABLE

Station	Curve Length	Radius	Superelevation
120530.59	400.00m	1000.00m	10%
120538.66	100.00m	1000.00m	10%
120530.59	100.00m	1000.00m	10%
120538.66	100.00m	1000.00m	10%

CURVE DATA TABLE

Station	Curve Length	Radius	Superelevation
120652.15	100.00m	1000.00m	10%
120702.36	100.00m	1000.00m	10%
120712.36	100.00m	1000.00m	10%
120720.00	100.00m	1000.00m	10%

CURVE DATA TABLE

Station	Curve Length	Radius	Superelevation
120777.00	100.00m	1000.00m	10%
120844.37	100.00m	1000.00m	10%
120844.37	100.00m	1000.00m	10%



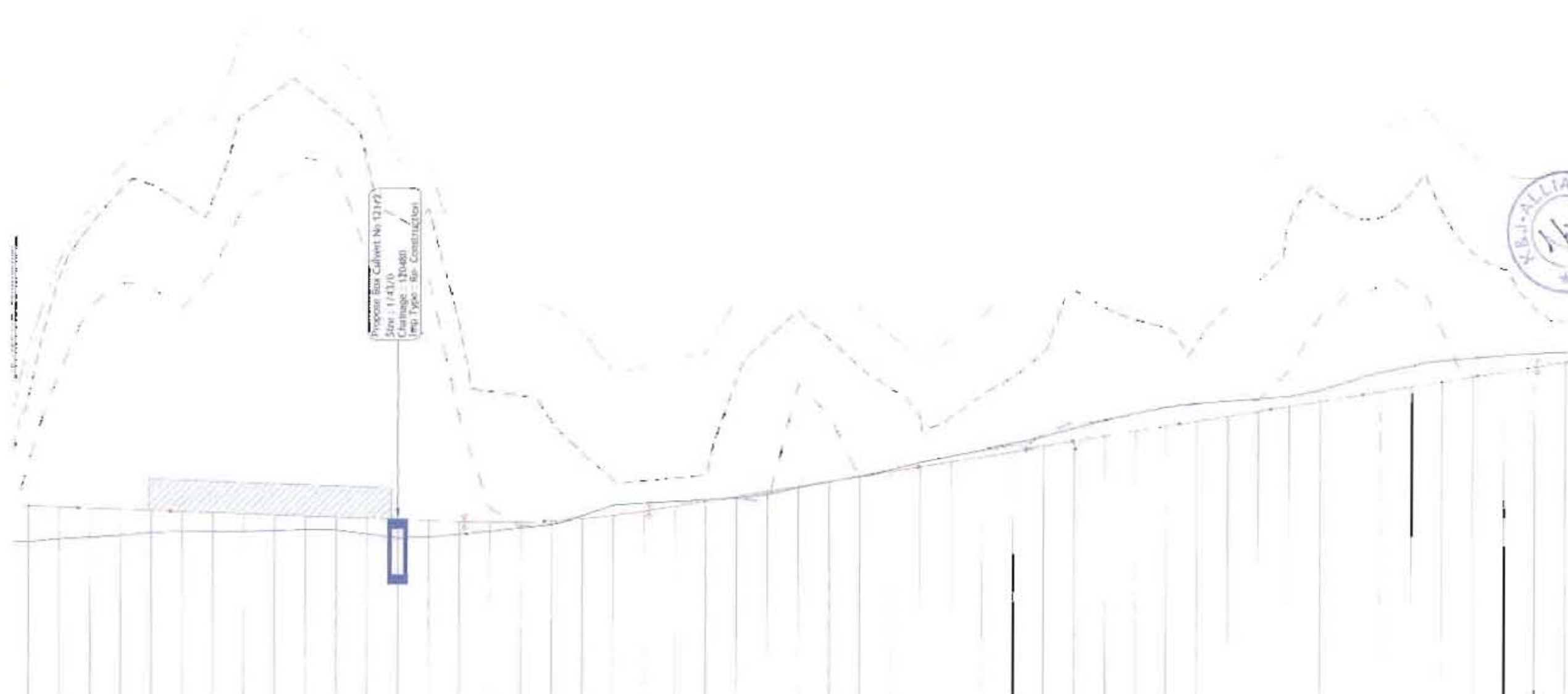
Consultancy Name: Consultancy Services for preparation of Detailed Project report for 2-laning of
 Jarani-Koloriang Road from Km 70.00 to Km 136.00 (Length = 66 Km) in the state of
 Arunachal Pradesh under SARDP-NE on EPI Mode
 Scale: 1:1000
 Date: 12/05/2024
 Project No: 120844.37



LEGEND:

PROFILE:

- PROPOSED LEVEL (meters)
- - - EXISTING ROAD LEVEL
- - - EXIST LEVEL AT 500 D.
- - - LEFT TOE LEVEL
- - - RIGHT TOE LEVEL
- ↑ VERTICAL TANGENT POINT
- ▨ BREAST WALL
- ▨ RETAINING WALL



Datum : 816M

PROPOSED ROAD LEVELS	839.048 - 830.942	845.784 - 830.869	849.018 - 830.795	851.317 - 830.722	851.559 - 830.649	850.861 - 830.575	850.841 - 830.502	856.188 - 850.429	857.598 - 830.355	857.792 - 830.282	856.271 - 830.208	852.805 - 830.135	849.431 - 830.062	849.806 - 829.988	842.374 - 829.915	838.238 - 829.864	837.662 - 829.879	836.250 - 829.956	834.310 - 830.104	832.872 - 830.316	832.530 - 830.593	832.719 - 830.913	833.141 - 831.254	839.216 - 831.555	841.754 - 831.876	843.427 - 832.197	841.620 - 832.517	839.804 - 832.838	838.447 - 833.159	836.479 - 833.480	836.618 - 833.801	838.059 - 834.122	830.214 - 834.443	840.784 - 834.764	844.639 - 835.065	843.657 - 835.406	842.890 - 835.727	842.363 - 836.048	841.458 - 836.369	843.727 - 836.690	845.502 - 837.011	849.339 - 837.332	850.919 - 837.653	849.591 - 837.974	840.520 - 838.295	851.170 - 838.615	846.834 - 838.936	847.206 - 839.257	846.172 - 839.578	843.670 - 839.899	843.876 - 840.221
EXISTING GROUND LEVELS	839.048 - 830.942	845.784 - 830.869	849.018 - 830.795	851.317 - 830.722	851.559 - 830.649	850.861 - 830.575	850.841 - 830.502	856.188 - 850.429	857.598 - 830.355	857.792 - 830.282	856.271 - 830.208	852.805 - 830.135	849.431 - 830.062	849.806 - 829.988	842.374 - 829.915	838.238 - 829.864	837.662 - 829.879	836.250 - 829.956	834.310 - 830.104	832.872 - 830.316	832.530 - 830.593	832.719 - 830.913	833.141 - 831.254	839.216 - 831.555	841.754 - 831.876	843.427 - 832.197	841.620 - 832.517	839.804 - 832.838	838.447 - 833.159	836.479 - 833.480	836.618 - 833.801	838.059 - 834.122	830.214 - 834.443	840.784 - 834.764	844.639 - 835.065	843.657 - 835.406	842.890 - 835.727	842.363 - 836.048	841.458 - 836.369	843.727 - 836.690	845.502 - 837.011	849.339 - 837.332	850.919 - 837.653	849.591 - 837.974	840.520 - 838.295	851.170 - 838.615	846.834 - 838.936	847.206 - 839.257	846.172 - 839.578	843.670 - 839.899	843.876 - 840.221
HORIZONTAL ALIGNMENT	L=30.00m		L=121.15m										R=1524.83m L=40.00m		L=113.49m				L=35.00m		R=122.88m L=15.29m		L=35.00m		L=24.84m		L=20.00m		R=70.00m L=27.36m		L=20.00m																				
VERTICAL ALIGNMENT	L=204.22m G=-0.734																		G=3.207 L=283.16m																																
PAVEMENT	200 GSD : 250 WMM : 85 DBM : 40 RC																																																		
SUPERELEVATION	Q=2.500															Q=3.500																																			
CHAINAGE	120060.000	120070.000	120080.000	120090.000	120100.000	120110.000	120120.000	120130.000	120140.000	120150.000	120160.000	120170.000	120180.000	120190.000	120200.000	120210.000	120220.000	120230.000	120240.000	120250.000	120260.000	120270.000	120280.000	120290.000	120300.000	120310.000	120320.000	120330.000	120340.000	120350.000	120360.000	120370.000	120380.000	120390.000	120400.000	120410.000	120420.000	120430.000	120440.000	120450.000	120460.000	120470.000	120480.000	120490.000	120500.000						



Consultant



K & J Projects Pvt Ltd
 Alliance Engineers & Consultants (P) V
 15/1, 15/2, 15/3, 15/4, 15/5, 15/6, 15/7, 15/8, 15/9, 15/10, 15/11, 15/12, 15/13, 15/14, 15/15, 15/16, 15/17, 15/18, 15/19, 15/20, 15/21, 15/22, 15/23, 15/24, 15/25, 15/26, 15/27, 15/28, 15/29, 15/30, 15/31, 15/32, 15/33, 15/34, 15/35, 15/36, 15/37, 15/38, 15/39, 15/40, 15/41, 15/42, 15/43, 15/44, 15/45, 15/46, 15/47, 15/48, 15/49, 15/50, 15/51, 15/52, 15/53, 15/54, 15/55, 15/56, 15/57, 15/58, 15/59, 15/60, 15/61, 15/62, 15/63, 15/64, 15/65, 15/66, 15/67, 15/68, 15/69, 15/70, 15/71, 15/72, 15/73, 15/74, 15/75, 15/76, 15/77, 15/78, 15/79, 15/80, 15/81, 15/82, 15/83, 15/84, 15/85, 15/86, 15/87, 15/88, 15/89, 15/90, 15/91, 15/92, 15/93, 15/94, 15/95, 15/96, 15/97, 15/98, 15/99, 15/100



Project Name: **Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode**

Package: 4

From : Km 120.160 to Km 120.860

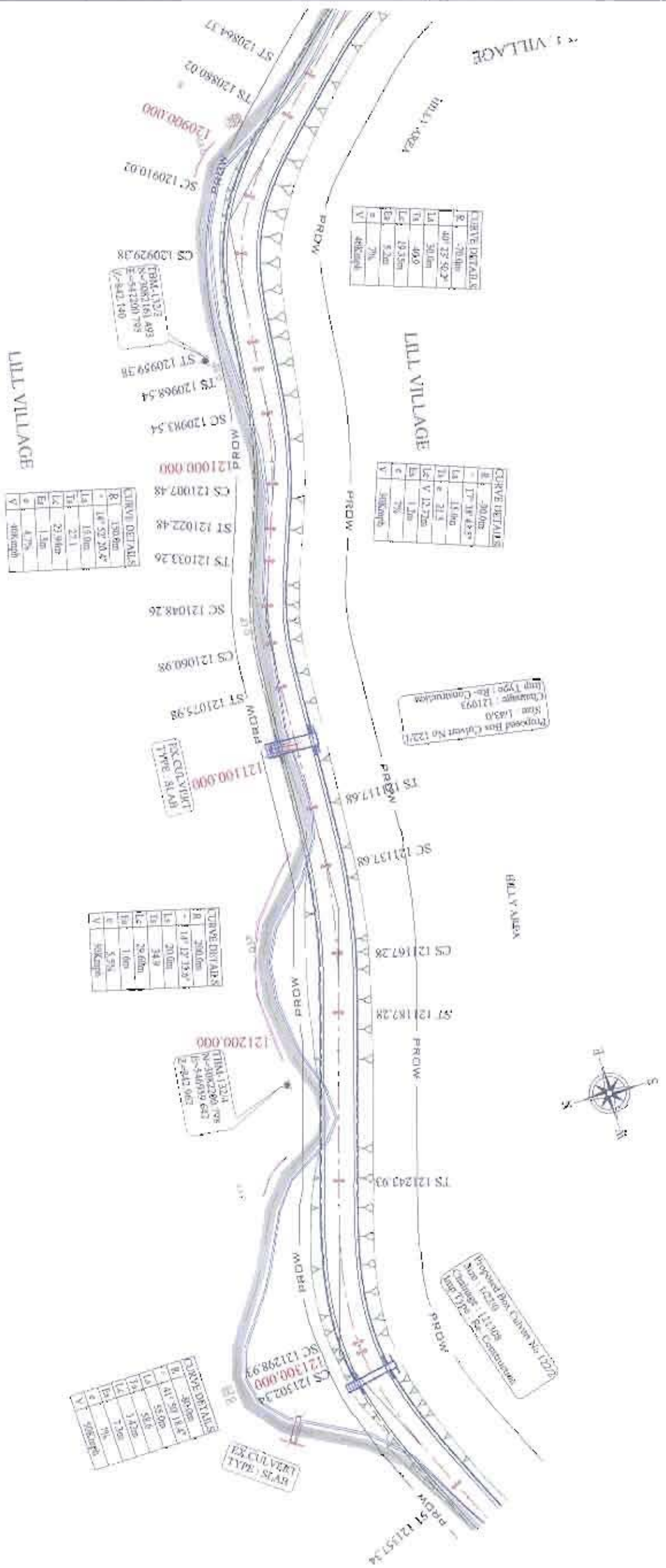
Longitudinal Profile

Fig No: K&J-REDDK-RoadProfile/Pg No 54



LEGEND:
PLAN: PROPOSED

- TOE LINE
- SHEDGE
- CW-FDPC
- CEN LINE
- CW EDGE
- SHEDGE
- TOE LINE
- HIGH RANGENT PT
- PROP ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BREAKFAST WALL
- RETAINING WALL
- EXISTING
- CW EDGE
- CEN LINE
- LOWEDGE
- EXIST HICAD
- RIVER
- EX BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- KILOMETER POST
- EP
- EP
- STR
- STRUCTURE
- FENCING
- RETAINING WALL
- BREAKFAST WALL



CURVE DETAILS

R	70.0m
Ls	40.72 50.2°
Lc	30.0m
Lt	40.0
Ls	19.55m
E	5.2m
V	7%
V	4.8%

CURVE DETAILS

R	70.0m
Ls	17.78 42.5°
Lc	18.0m
Lt	21.5
Ls	12.72m
E	1.2m
V	7%
V	3.8%

CURVE DETAILS

R	150.0m
Ls	18.0m
Lc	18.0m
Lt	21.1
Ls	21.94m
E	1.5m
V	4.7%
V	4.8%

CURVE DETAILS

R	200.0m
Ls	17.17 15.2°
Lc	20.0m
Lt	34.9
Ls	28.60m
E	1.0m
V	5.7%
V	5.8%

CURVE DETAILS

R	80.0m
Ls	41.50 14.6°
Lc	55.0m
Lt	58.6
Ls	1.25m
E	7.5m
V	7%
V	9.85%

Proposed Box Culvert No 1209
Span: 1x6.50
Change: 121093
Type: Box-Construction

Proposed Box Culvert No 1212
Span: 1x4.00
Change: 121126
Type: Box-Construction

EX CULVERT
TYPE: SLAB

EX CULVERT
TYPE: SLAB

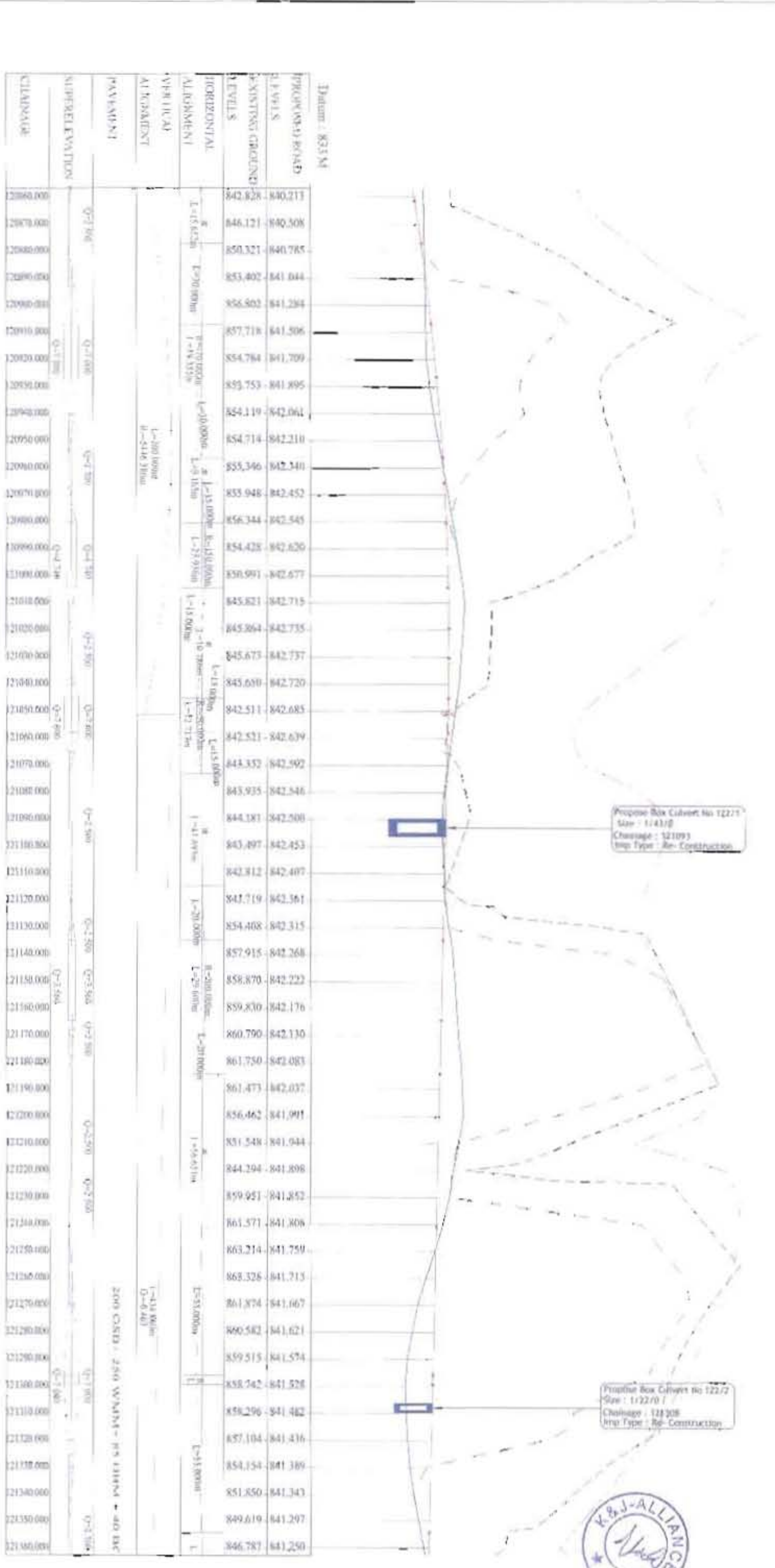
EX CULVERT
TYPE: SLAB



LEGEND:

PROFILE:

- EXISTING ELEVATION
- PROPOSED ROAD LEVEL
- EXIST LEVEL AVERAGE CA
- LEFT FORM LEVEL
- RIGHT FORM LEVEL
- PIPE TANGENT POINT
- GRAVEL ROAD
- EXISTING ROAD



Propose Box Culvert No 122/1
 Size : 1.43/0
 Chaisage : 12109
 Imp Type : Re-Construction

Propose Box Culvert No 122/2
 Size : 1.22/0
 Chaisage : 12108
 Imp Type : Re-Construction



Client: K&J Project Pte Ltd
Project Name: Consultancy Services for preparation of Detailed Project report for 2-laning of Joram-Koloriang Road from Km 70.00 to Km 128.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode
Scale: 1:1000
Date: 12/08/2019

LEGEND:

- PROFILE:
- PROPOSED ROAD
 - EXISTING ROAD LEVEL
 - EXISTING LEVEL AT ROAD CROSS
 - LEFT TOE LEVEL
 - RIGHT TOE LEVEL
 - VERT. TANGENT POINT
 - BREAKER WALL
 - RETAINING WALL

Station : 832 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SUPPLEMENTATION	CHAINAGE
846.787 - 841.250	846.787 - 841.250	L=19.885m		PCC		121360.000
843.403 - 841.204	843.403 - 841.204					121370.000
843.057 - 841.158	843.057 - 841.158					121380.000
842.983 - 841.112	842.983 - 841.112	L=30.000m				121390.000
843.566 - 841.065	843.566 - 841.065					121400.000
843.408 - 841.019	843.408 - 841.019					121410.000
841.918 - 840.973	841.918 - 840.973	R=70.000m L=141.000m				121420.000
841.307 - 840.927	841.307 - 840.927					121430.000
841.748 - 840.880	841.748 - 840.880					121440.000
841.556 - 840.834	841.556 - 840.834					121450.000
841.299 - 840.788	841.299 - 840.788	T=30.000m				121460.000
840.445 - 840.741	840.445 - 840.741					121470.000
843.861 - 840.695	843.861 - 840.695	L=10.825m				121480.000
846.576 - 840.651	846.576 - 840.651					121490.000
846.769 - 840.627	846.769 - 840.627	L=25.000m				121500.000
848.392 - 840.628	848.392 - 840.628					121510.000
845.972 - 840.653	845.972 - 840.653	R=1072.865m L=50.000m				121520.000
842.374 - 840.702	842.374 - 840.702					121530.000
842.592 - 840.775	842.592 - 840.775	L=25.000m				121540.100
843.740 - 840.851	843.740 - 840.851					121550.000
844.607 - 840.928	844.607 - 840.928	T=30.000m				121560.000
845.510 - 841.004	845.510 - 841.004					121570.000
846.070 - 841.081	846.070 - 841.081					121580.000
847.120 - 841.157	847.120 - 841.157	L=30.000m				121590.000
845.571 - 841.234	845.571 - 841.234					121600.000
844.422 - 841.310	844.422 - 841.310	R=40.735 L=124.888m				121610.000
844.783 - 841.387	844.783 - 841.387					121620.000
846.067 - 841.463	846.067 - 841.463	L=20.000m				121630.000
848.407 - 841.540	848.407 - 841.540					121640.000
848.712 - 841.616	848.712 - 841.616	R=55.000m L=12.707m				121650.000
850.270 - 841.693	850.270 - 841.693					121660.000
850.717 - 841.769	850.717 - 841.769	L=20.000m				121670.000
848.140 - 841.839	848.140 - 841.839					121680.000
844.350 - 841.893	844.350 - 841.893	L=30.000m				121690.000
841.629 - 841.930	841.629 - 841.930					121700.000
842.704 - 841.952	842.704 - 841.952	R=107.000m L=67.221.891m				121710.000
842.822 - 841.957	842.822 - 841.957					121720.000
842.730 - 841.947	842.730 - 841.947					121730.000
857.739 - 841.927	857.739 - 841.927	R=10.000m L=37.415m				121740.000
850.882 - 841.907	850.882 - 841.907					121750.000
850.314 - 841.887	850.314 - 841.887	C=20.000m				121760.000
850.197 - 841.867	850.197 - 841.867					121770.000
848.314 - 841.847	848.314 - 841.847					121780.000
846.563 - 841.827	846.563 - 841.827	L=22.840m				121790.000
841.298 - 841.807	841.298 - 841.807					121800.000
844.525 - 841.788	844.525 - 841.788	L=15.000m				121810.000
848.975 - 841.768	848.975 - 841.768	R=125.000m L=32.700m				121820.000
850.082 - 841.748	850.082 - 841.748					121830.000
851.546 - 841.728	851.546 - 841.728					121840.000
847.387 - 841.708	847.387 - 841.708					121850.000
840.520 - 841.688	840.520 - 841.688					121860.000

Propose Box Culvert No 122/3
Size : 1/12/0
Chainage : 121388
Imp Type : Re-Construction

Propose Box Culvert No 122/4
Size : 1/22/0
Chainage : 121518
Imp Type : Re-Construction

Propose Box Culvert No 122/5
Size : 1/22/0
Chainage : 121700
Imp Type : Re-Construction

Propose Box Culvert No 122/6
Size : 1/22/0
Chainage : 121736
Imp Type : Re-Construction



Client:

Consultant:

Project Name: **C**onsultancy Services for preparation of Detailed Project report for 2-Laning of **Jorani-Kohrtang Road** from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of **Arunchal Pradesh** under SARDP-NF on EPC Mode

Package: **A** From : Km 71.666 to Km 72.608

Scale: 1:5000

Drawn by:

Checked by:

Date: 12/11/2018

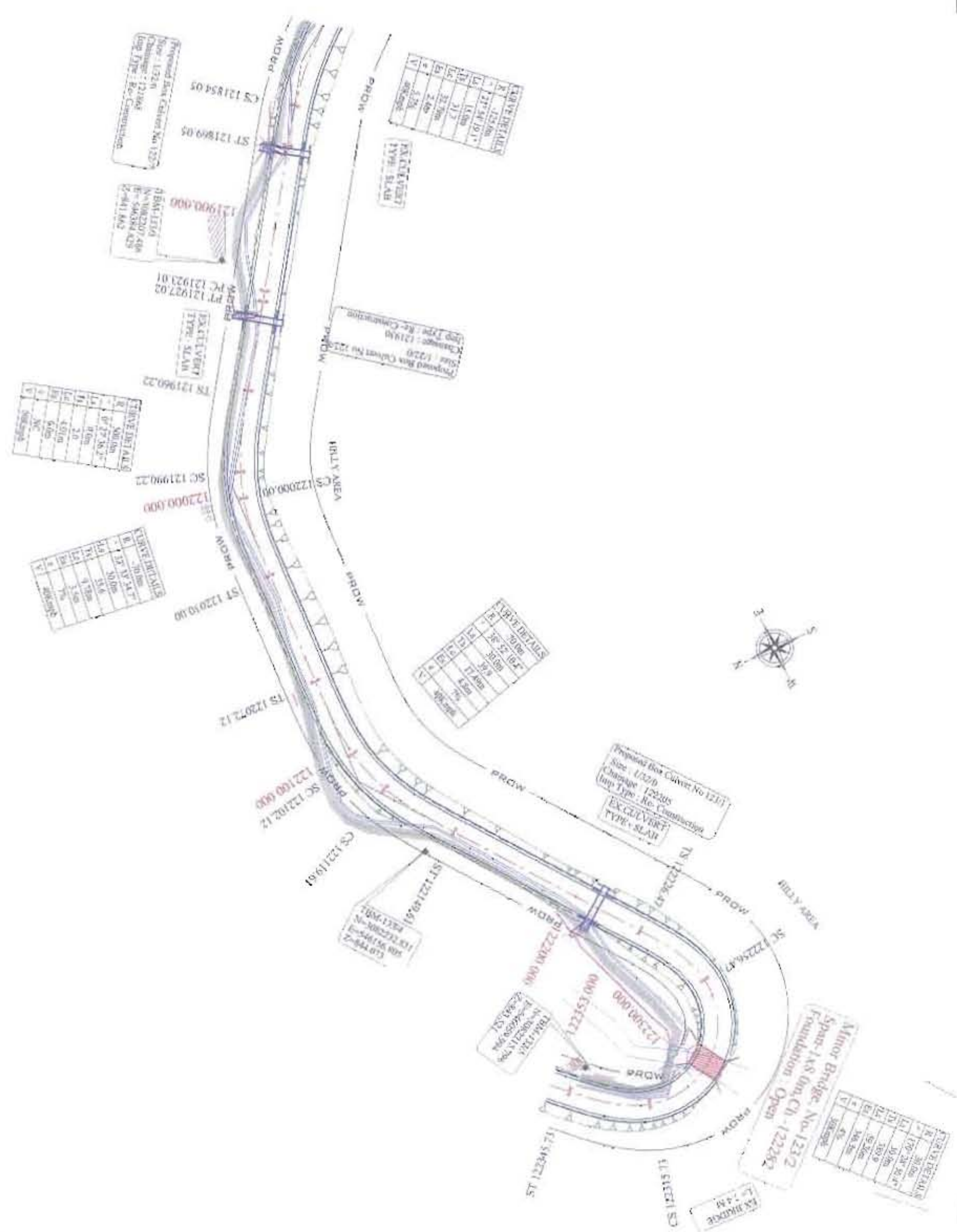
LEGEND:

PLAN - PROPOSED:

- TOE WALL
- SH EDOG
- C/W EDOG
- GEN LINE
- C/W EDOG
- SH EDOG
- TOE LINE
- HOR BANGKUN PT
- PROF NOW
- PROF NOW
- OPEN DRAIN
- FOOTWAY
- BRIDGE
- BRIDGE
- BRK CUTWENT
- BREAK WALL
- RETAINING WALL

PLAN - EXISTING:

- C/W EDGE
- CEN LINE
- C/W EDGE
- EXIST ROAD
- POLE
- EA BRIDGE
- CUTWENT
- DRAIN
- CROSS ROAD
- KILOMETER POST
- OP
- MTB
- STRUCTURE
- PERMANENT
- RETAINING WALL
- BRICK WALL



Client: **E. N. J. Project Pvt. Ltd.**

Consultant: **AWJ Engineering & Consultants (P) Ltd.**

Project Name: **Consultancy Services for preparation of Detailed Project report for 2-Laning of Joram-Koloriang Road from Km 70.00 to Km 135.00 (Length = 65 Km) in the state of Arunachal Pradesh under SARDP-NE on E.P.C. Mode**

Package :- 4 From :- A/cr 121 860 to A/cr 122 353

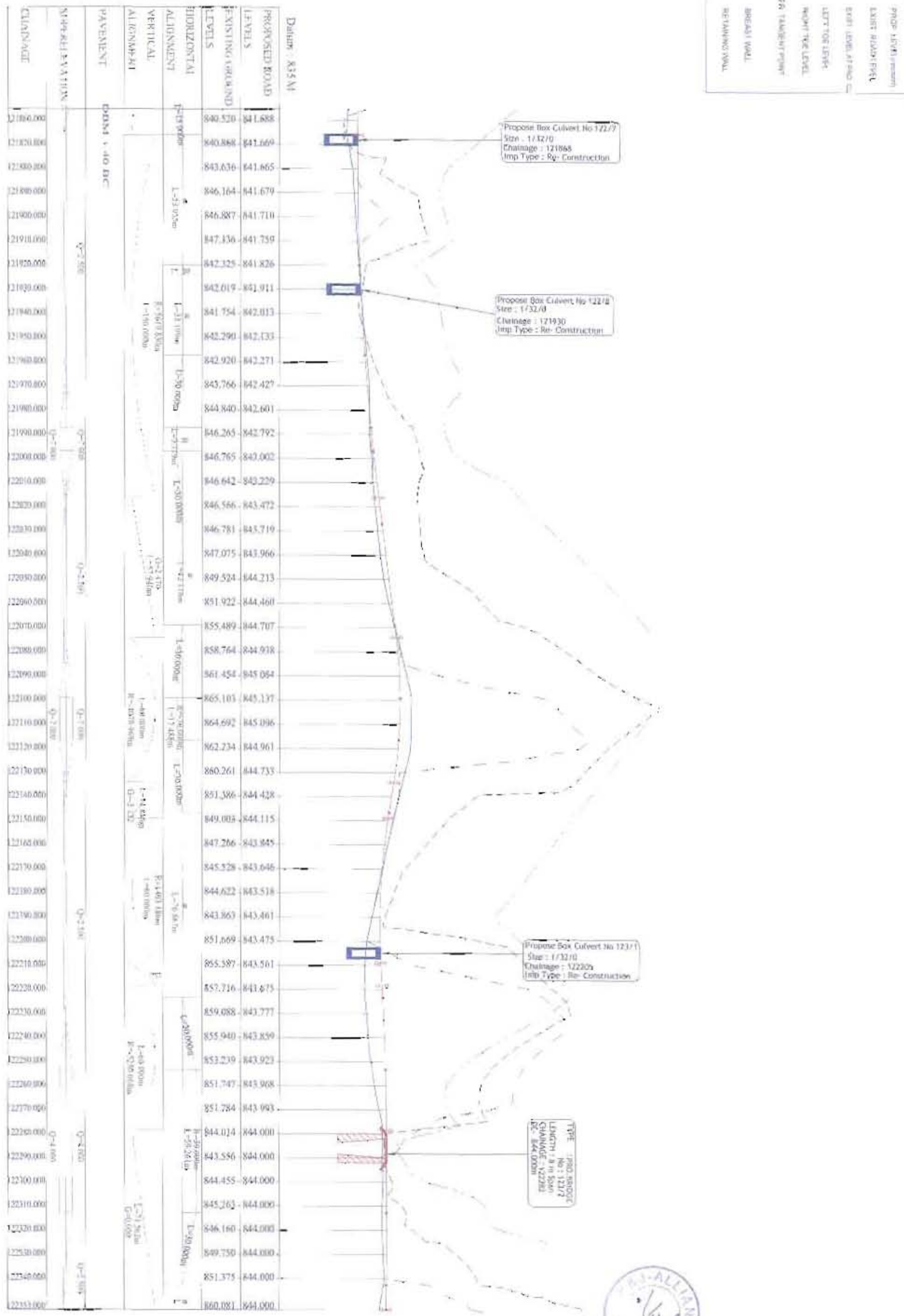
Platf

Scale: 1:1000

Fig No: 100/AR/CJK Road/2/2009/4/99

LEGEND :

- PROFILE :**
- PROG. LEVEL (present)
 - EXIST. ROAD ELEV.
 - EXIST. LEVEL AT POND
 - LEFT FOR LEVEL
 - RIGHT FOR LEVEL
 - SPM (LANDSLIDE PROOF)
 - BREAK WALL
 - RETAINING WALL



Consultant: K & J Projects Pvt. Ltd. (Logo: K&J Projects Pvt. Ltd.)

Project Name: Consultancy Services for Preparation of Detailed Project Report for 2-Laning of Jorain-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-NE on EPC Mode.

Scale: 1:10000 (Horizontal) / 1:500 (Vertical)

Sheet No.: SARDP/NE/CP/Road/Profile/fig. 4/60

Date: 15/08/2018

Project No.: 12186/10

Scale: 1:10000 (Horizontal) / 1:500 (Vertical)