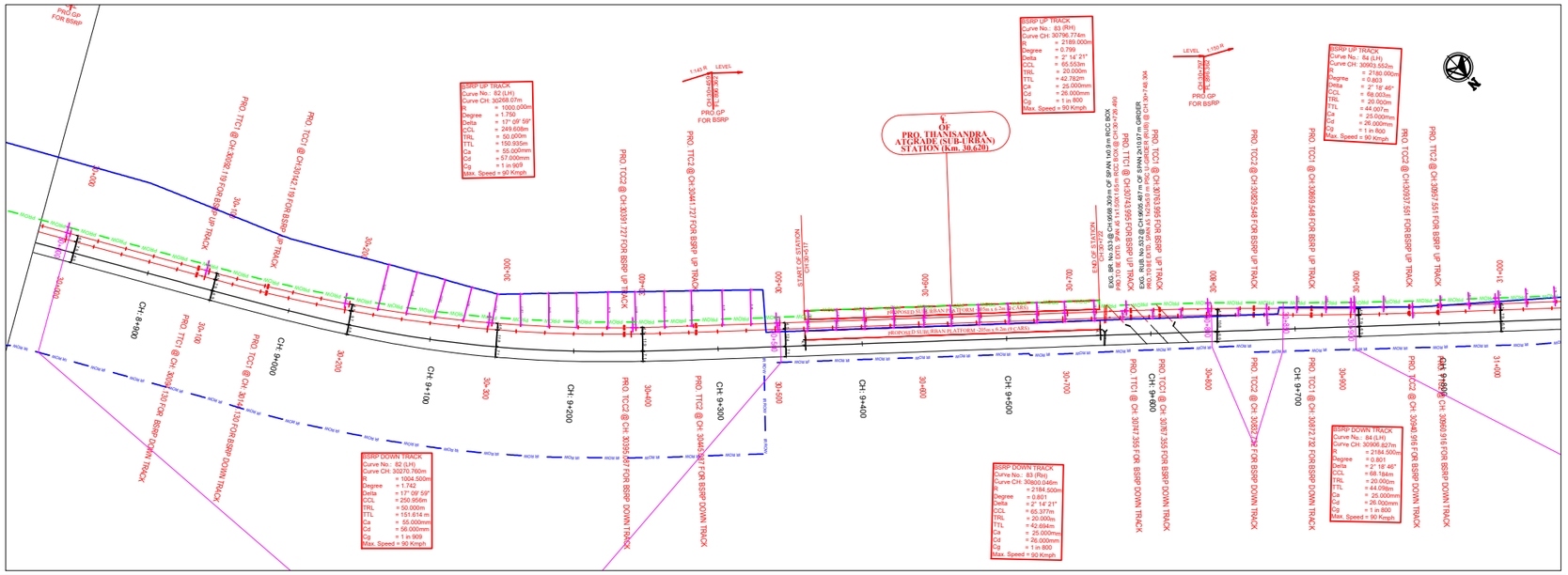
HEELALIGE

RAJANKUNTE



TRACK CENTER BSRP UP TO BSRP DOWN TRACK	4.500 (uniform)
BSRP TO IR TRACK	7.857 7.859 7.849 7.845 7.867 7.860 7.878 8.057 8.436 8.988 9.595 10.214 10.711 11.145 11.461 11.741 11.896 11.974 11.968 11.913 11.884 11.926 11.981 11.993 11.979 11.971 11.970 11.974 11.970 11.956 11.937 11.899 11.902 11.899 11.927 11.930 11.952 11.981 11.985 11.854 11.854 11.573 11.128 10.468 9.705 8.977 8.420 8.055 7.866 7.852 7.864 7.861
FILL HEIGHT (+) / CUT DEPTH (-)	-4.810 -4.743 -4.695 -4.360 -4.541 -4.215 -4.000 -4.044 -5.219 -5.152 -5.153 -4.895 -4.812 -4.666 -4.426 -4.199 -4.271 -3.318 -2.609 -2.158 -1.726 -1.181 -0.526 -0.233 0.076 0.390 0.618 1.071 1.487 1.587 1.850 3.012 3.392 3.748 3.202 2.793 2.166 3.474 4.199 2.904 1.614 0.738 -0.914 -1.171 -1.369 -1.620 -1.858 -2.505 -3.139 -3.474 -3.966
PROPOSED FORMATION LEVEL	892.386 892.256 892.686 892.806 892.946 893.086 893.256 893.876 893.335 893.686 893.686 893.786 893.936 894.086 894.226 894.386 894.486 894.606 894.786 895.086 895.046 895.107 895.337 895.467 895.536 895.606
PROPOSED RAIL LEVEL	893.147 893.287 893.427 893.567 893.707 893.947 893.987 894.127 894.268 894.408 894.548 894.688 894.828 894.968 895.108 895.248 895.388 895.528 895.668 895.809 895.949 896.089 896.229 896.369 896.362
DIFFRENECE BETWEEN IR TRACK RAIL LEVEL & BSRP TRACK RAIL LEVEL	0.290 0.210 0.127 0.003 0.021 -0.028 -0.125 -0.193 -0.260 -0.335 -0.350 -0.380 -0.380 -0.360 -0.401 -0.463 -0.551 -0.648 -0.698 -0.809 -0.903 -1.019 -1.192 -1.316 -1.379 -1.357 -1.252 -1.157 -1.047 -0.908 -0.803 -0.657 -0.557 -0.557 -0.593 -0.387 -0.315 -0.242 -0.264 -0.138 0.013 0.013 -0.056 -0.056 -0.056 -0.103 -0.125 -0.168 -0.206 -0.241 -0.266 -0.278
IR RAIL LEVEL	893.437 893.497 893.554 893.570 893.728 893.819 893.862 894.008 894.073 894.198 894.308 894.448 894.567 894.615 894.697 894.740 894.830 894.859 894.906 894.930 894.897 894.913 894.967 894.996 895.005 895.110 895.205 895.315 895.454 895.559 895.705 895.805 895.769 895.975 896.047 896.120 896.098 896.224 896.402 896.526 896.591 896.725 896.811 896.923 897.013 897.109 897.208 897.316 897.438
GROUND LEVEL	897.195 897.284 897.360 897.165 897.487 897.300 897.226 897.410 898.724 898.797 898.935 898.821 898.875 898.872 898.772 898.685 898.888 898.084 897.516 897.205 896.912 896.507 895.992 895.617 895.524 895.210 894.982 894.529 894.113 894.013 893.750 892.988 892.208 891.852 892.308 892.807 893.434 892.126 891.401 892.696 892.011 895.013 896.795 897.190 897.522 897.900 898.270 899.055 899.826 900.295 900.020
DESIGN CHAINAGE	30+000 30+020 30+040 30+060 30+080 30+100 30+120 30+140 30+160 30+180 30+200 30+220 30+240 30+260 30+280 30+300 30+320 30+340 30+360 30+380 30+400 30+420 30+440 30+460 30+480 30+500 30+520 30+540 30+560 30+580 30+600 30+620 30+640 30+660 30+680 30+700 30+720 30+740 30+760 30+780 30+800 30+820 30+840 30+860 30+880 30+900 30+920 30+940 30+960 30+980 31+000
EXISTING IR TRACK CHAINAGE	8+824 8+844 8+864 8+884 8+904 8+924 8+944 8+964 8+985 9+005 9+025 9+045 9+066 9+086 9+106 9+127 9+147 9+167 9+188 9+208 9+228 9+249 9+269 9+289 9+309 9+329 9+349 9+369 9+389 9+409 9+429 9+449 9+469 9+489 9+509 9+529 9+549 9+569 9+589 9+608 9+628 9+648 9+668 9+688 9+708 9+728 9+748 9+769 9+789 9+809 9+829

NOTES :
1. ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE STATED.
2. DRAIN / RETAINING WALL DETAILS SHALL BE SUBMITTED SEPARATELY.
3. SCHEDULE OF DIMENSIONS FOLLOWED AS PER BSRP.
4. P-WAY DESIGN DETAILS ARE NOT PART OF THIS PACKAGE SCOPE.
5. THE RUB/ROB/BRIDGES/STRUCTURE SHOWN IN THE DRAWING SHALL BE REFEREED TO RESPECTIVE GAD'S FOR DETAILS.
6. DESIGN SLOPES SHALL BE AS PER THE APPROVED DESIGN REPORT.

LEGEND FOR PLAN:	
PROPOSED BSRP TRACK	
FUTURE BSRP WORK	
EXISTING IR TRACK	
FUTURE IR DOUBLING TRACK	
FUTURE IR QUADRUPLING TRACK	
IR SLEWING LINE	
EXISTING IR ROW AS PER ER	IR ROW
PROPOSED ROW	PROW

LEGEND FOR PROFILE:	
PROPOSED BSRP FORMATION LEVEL	
PROPOSED BSRP RAIL LEVEL	
EXISTING IR RAIL LEVEL	
GROUND LEVEL	

ALIGNMENT NOTANTIONS:

R = RADIUS	G = GRADIENT
CCL = CIRCULAR CURVE LENGTH	L = GRADIENT LENGTH
TRL = TRANSITION LENGTH	TTC1 = TANGENT TO SPIRAL
TTL = TANGENT LENGTH	TCC1 = SPIRAL TO CURVE
Ca = ACTUAL CANT	TCC2 = CURVE TO SPIRAL
Cd = CANT DEFICIENT	TTC2 = SPIRAL TO TANGENT
Cg = CANT GRADIENT	

PROJECT :
BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) - CORRIDOR - 4

EMPLOYER :
RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

GENERAL CONSULTANTS :
EGIS-AECOM-WSP

CONTRACTOR :

DETAILED DESIGN CONSULTANT (DDC) :

PROOF CONSULTANT (PC) :

TITLE: ALIGNMENT PLAN & PROFILE FROM CH: 30+000 TO CH: 31+000

	DESIGNED BY	CHECKED BY	APPROVED BY
SIGNATURE			
NAME			
DESIGNATION			
DATE			

PROJECT MANAGER	DETAILED DESIGN CONSULTANT	PROOF CONSULTANT
SIGN	SIGN	SIGN
NAME	NAME	NAME
DATE	DATE	DATE

GENERAL CONSULTANTS

NAME	DESIGNATION	DATE	SIGN	PROJECT DIRECTOR
				SIGN
				NAME
				DATE

EMPLOYER

SIGNATURE			
NAME			
DESIGNATION			
DATE			

REVISIONS

REV	DATE	DESCRIPTION

REVISION	0	PROJECTION	RELEASED FOR
DWG STATUS	P		☑ PRELIMINARY
DATE			☐ DEFINITIVE GOOD FOR
SCALE	H-1:2000, V-1:200		☐ CONSTRUCTION
SIZE	A1		☐ AS BUILT
SHEET		FIRST ANGLE	
DRG. No.	O 2 4 0 0 8 - C - R L - 1 0 - P P - 3 0 3 2		