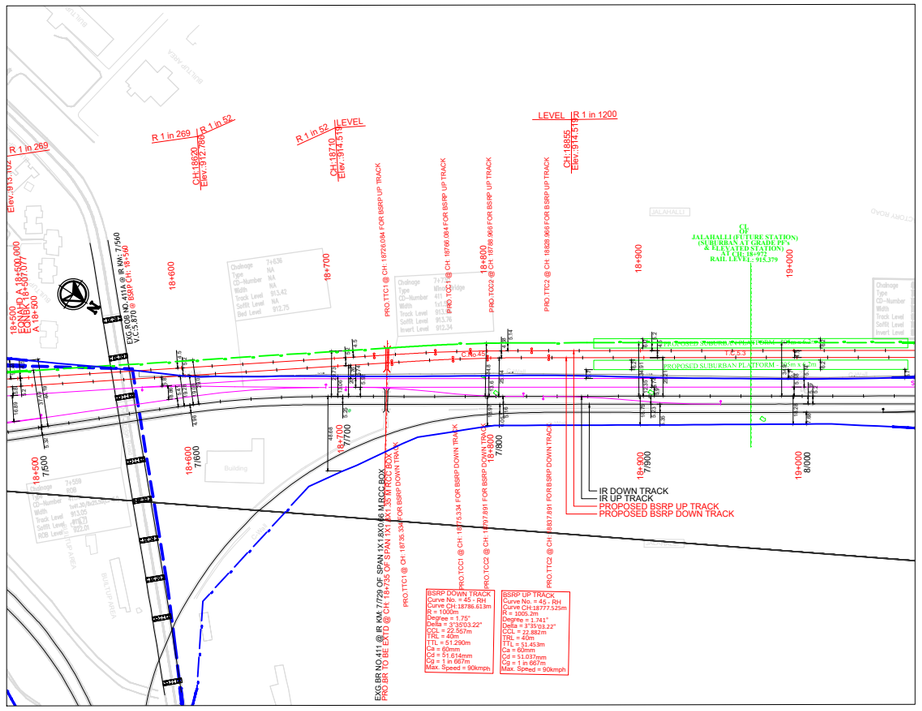
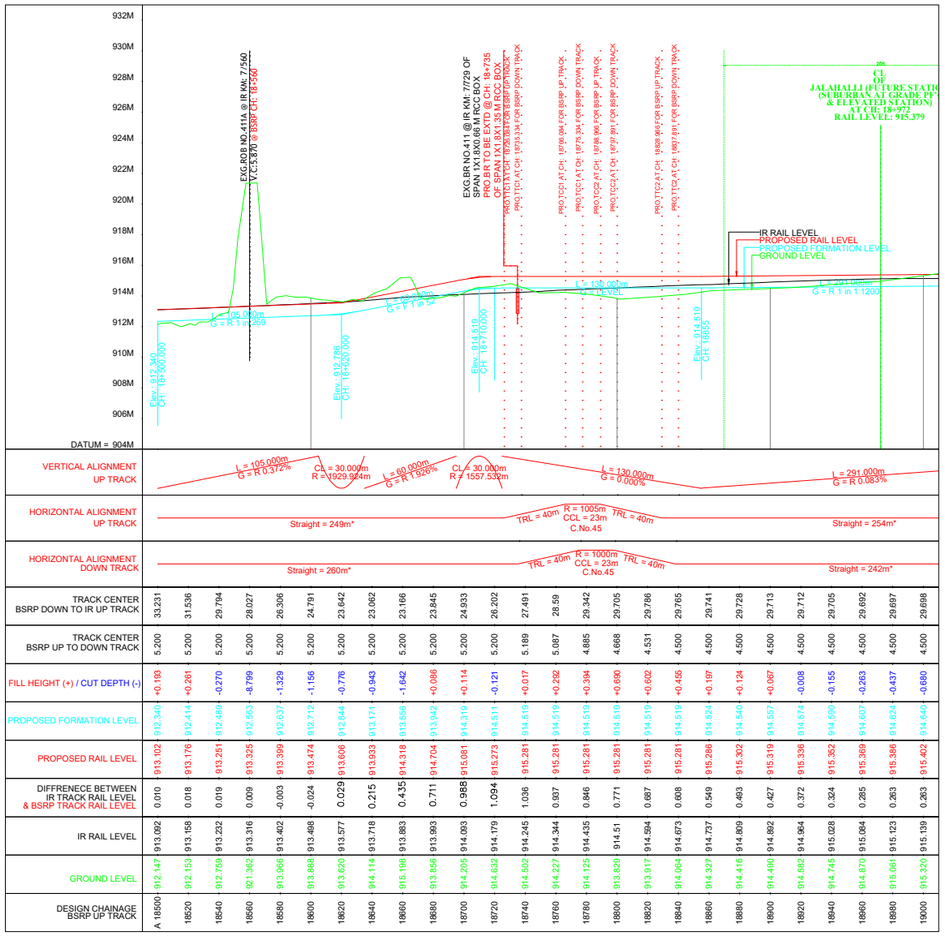
YESHWANTPUR

CHIKKABANAVARA





TRACK CENTER BSRP DOWN TO IR UP TRACK	33.231	31.536	29.794	28.027	26.306	24.791	23.642	23.062	23.166	23.845	24.933	26.202	27.491	28.59	29.342	29.705	29.786	29.765	29.741	29.728	29.713	29.712	29.705	29.692	29.697	29.698				
TRACK CENTER BSRP UP TO DOWN TRACK	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.189	5.087	4.885	4.668	4.531	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500				
FILL HEIGHT (+) / CUT DEPTH (-)	+0.193	+0.261	-0.270	-0.799	-1.329	-1.156	-0.776	-0.943	-1.642	+0.086	+0.114	-0.121	+0.017	+0.292	+0.394	+0.690	+0.602	+0.455	+0.197	+0.124	+0.067	-0.008	-0.155	-0.263	-0.437	-0.680				
PROPOSED FORMATION LEVEL	912.340	912.414	912.489	912.563	912.637	912.712	912.844	913.171	913.556	913.942	914.319	914.511	914.519	914.519	914.519	914.519	914.519	914.519	914.524	914.540	914.557	914.574	914.590	914.607	914.624	914.640				
PROPOSED RAIL LEVEL	913.102	913.176	913.251	913.325	913.399	913.474	913.606	913.933	914.318	914.704	915.081	915.273	915.281	915.281	915.281	915.281	915.281	915.281	915.286	915.302	915.319	915.336	915.352	915.369	915.386	915.402				
DIFFRENECE BETWEEN IR TRACK RAIL LEVEL & BSRP TRACK RAIL LEVEL	0.010	0.018	0.019	0.009	-0.003	-0.024	0.029	0.215	0.435	0.711	0.988	1.094	1.036	0.987	0.846	0.771	0.687	0.608	0.549	0.493	0.427	0.372	0.324	0.285	0.263	0.263				
IR RAIL LEVEL	913.092	913.158	913.232	913.316	913.402	913.488	913.577	913.718	913.883	913.993	914.093	914.179	914.245	914.344	914.435	914.51	914.594	914.673	914.737	914.809	914.892	914.964	915.028	915.084	915.123	915.139				
GROUND LEVEL	912.147	912.153	912.759	921.302	913.966	913.868	913.620	914.114	914.416	914.205	914.632	914.502	914.227	914.125	913.829	913.917	914.064	914.327	914.416	914.490	914.582	914.745	914.870	915.081	915.320					
DESIGN CHAINAGE BSRP UP TRACK	A 18500	18520	18540	18560	18580	18600	18620	18640	18660	18680	18700	18720	18740	18760	18780	18800	18820	18840	18860	18880	18900	18920	18940	18960	18980	19000				

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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.
7. IR DOUBLING SHOWN IN PLAN IS AS PER CLIENTS TENDER STATGE DRAWING AND NOT FINAL.

LEGEND FOR PLAN:	
PROPOSED BSRP TRACK	
FUTURE BSRP WORK	
EXISTING IR TRACK	
FUTURE IR WORK	
EXISTING IR ROW	
PROPOSED BSRP ROW (LAQ)	

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 - 2

EMPLOYER :
RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

GENERAL CONSULTANTS :
EGIS-AECOM-WSP

CONTRACTOR :
LARSEN & TOUBRO LTD.
L&T CONSTRUCTION
TRANSPORTATION INFRASTRUCTURE IC

DETAILED DESIGN CONSULTANT (DDC) :
STUP CONSULTANTS PRIVATE LIMITED
- & -
L&T EDRC - TRANSPORTATION INFRASTRUCTURE IC

PROOF CONSULTANT (PC) :
CHETAN INFRATECH CONSULTANTS PRIVATE LIMITED

TITLE: ALIGNMENT PLAN & PROFILE FROM CH: 18+500 TO CH: 19+000

	PREPARED BY	CHECKED BY	APPROVED BY
SIGNATURE			
NAME	AMIT DUBEY	PALLAB GHOSH	SUBRAMANIAN R.
DESIGNATION	ASST. MANAGER	MANAGER	DGM
DATE			

PROJECT MANAGER (L&T)		DETAILED DESIGN CONSULTANT		PROOF CONSULTANT	
SIGN		SIGN		SIGN	
NAME	K.V.MAHADEV	NAME	SHASHIDHAR D CHIKODI	NAME	ARAVIND SALECHA
DATE		DATE		DATE	

GENERAL CONSULTANTS

NAME	DESIGNATION	DATE	SIGN	PROJECT DIRECTOR
				SIGN
				NAME
				DATE

EMPLOYER

SIGNATURE			
NAME			
DESIGNATION			
DATE			

REVISIONS

REV	DATE	DESCRIPTION
0	14.10.2024	GFC SUBMISSION FOR APPROVAL

REVISION	0
DWG STATUS	G
DATE	14.10.2024
SCALE	H-1:2000, V-1:200
SIZE	A1
SHEET	21 OF 27
DRG. No.	0 2 2 0 7 7 - C - R L - T R - P P - 0 0 2 1

PROJECTION: FIRST ANGLE

RELEASED FOR
- ☐ PRELIMINARY
- ☐ DEFINITIVE
- ☑ GOOD FOR CONSTRUCTION
- ☐ AS BUILT