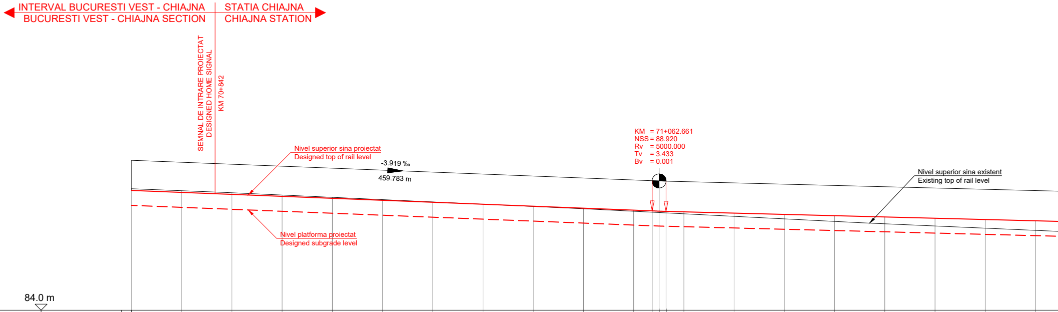

INTERVAL BUCURESTI VEST - CHIAJNA
BUCURESTI VEST - CHIAJNA SECTION
STATIA CHIAJNA
CHIAJNA STATION
SEMNAL DE INTRARE PROIECTAT
DESIGNED HOME SIGNAL
KM 70+842
Nivel superior sina proiectat
Designed top of rail level
-3.919 ‰
459.783 m
KM = 71+062.661
NSS = 88.920
Rv = 5000.000
Tv = 3.433
Bv = 0.001
Nivel superior sina existent
Existing top of rail level
Nivel platforma proiectat
Designed subgrade level
84.0 m

Nivel superior sina proiectat (in curbe pe firul interior)	Designed top of rail level (in curves on inner rail)	89.949	89.851	89.753	89.655	89.557	89.459	89.361	89.263	89.165	89.067	88.969
Nivel platforma proiectat	Designed subgrade level	89.209	89.111	89.013	88.915	88.817	88.719	88.621	88.523	88.425	88.327	88.229
Nivel superior sina existent sau nivel teren existent	Existing top of rail level or existing ground level	90.035	89.936	89.834	89.721	89.607	89.494	89.380	89.267	89.153	89.040	88.915
Diferente pe verticala (m) intre NSS proiectat si NSS existent	Vertical differences (m) between designed TOR and existing TOR	-0.086	-0.085	-0.081	-0.065	-0.050	-0.034	-0.019	-0.003	0.012	0.028	0.054
Kilometraj	Chainage	800.000	825.000	850.000	875.000	900.000	925.000	950.000	975.000	0.000	25.000	50.000

Nivel superior sina proiectat (in curbe pe firul interior)	Designed top of rail level (in curves on inner rail)	88.933	88.921	88.911	88.888	88.825	88.761	88.698	88.634	88.570	88.507	88.443
Nivel platforma proiectat	Designed subgrade level	88.193	88.181	88.171	88.148	88.085	88.021	87.958	87.894	87.830	87.767	87.703
Nivel superior sina existent sau nivel teren existent	Existing top of rail level or existing ground level	88.869	88.851	88.834	88.789	88.663	88.537	88.410	88.292	88.183	88.075	87.966
Diferente pe verticala (m) intre NSS proiectat si NSS existent	Vertical differences (m) between designed TOR and existing TOR	0.065	0.070	0.077	0.099	0.162	0.224	0.287	0.342	0.387	0.432	0.477
Kilometraj	Chainage	59.227	62.661	66.094	75.000	100.000	125.000	150.000	175.000	200.000	225.000	250.000

70+800 70+900 71+000 71+100 71+200

Diagrama curburii
Scara: 1000/R [cm]

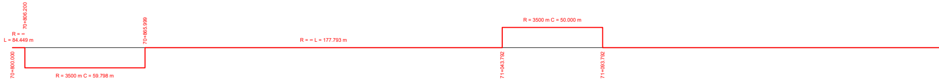

70+806.200
R = ∞
L = 84.449 m
70+800.000
R = 3500 m C = 59.798 m
70+865.999
R = ∞ L = 177.793 m
R = 3500 m C = 50.000 m
71+043.792
71+093.792

Diagrama suprainaltarii
Scara: 0.1 x h [mm]

Sina stanga
Sina dreapta

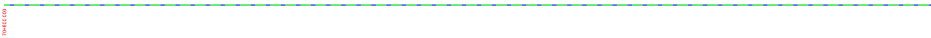
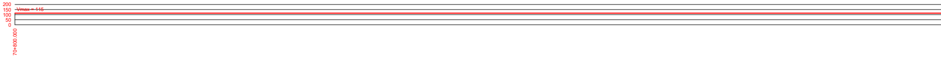
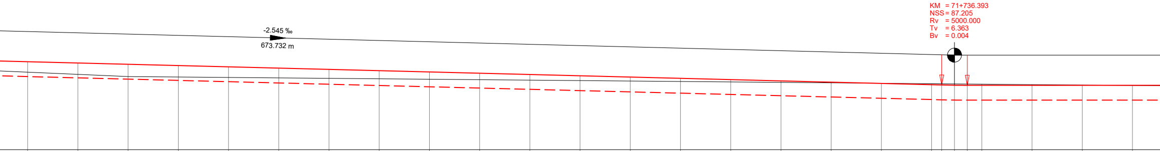


Diagrama vitezei
Scara: 0.05 x km/h [mm]

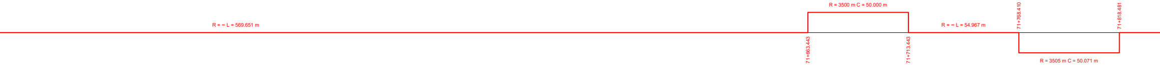
Vmax


200
150
100
50
0
Vmax = 115
70+800.000

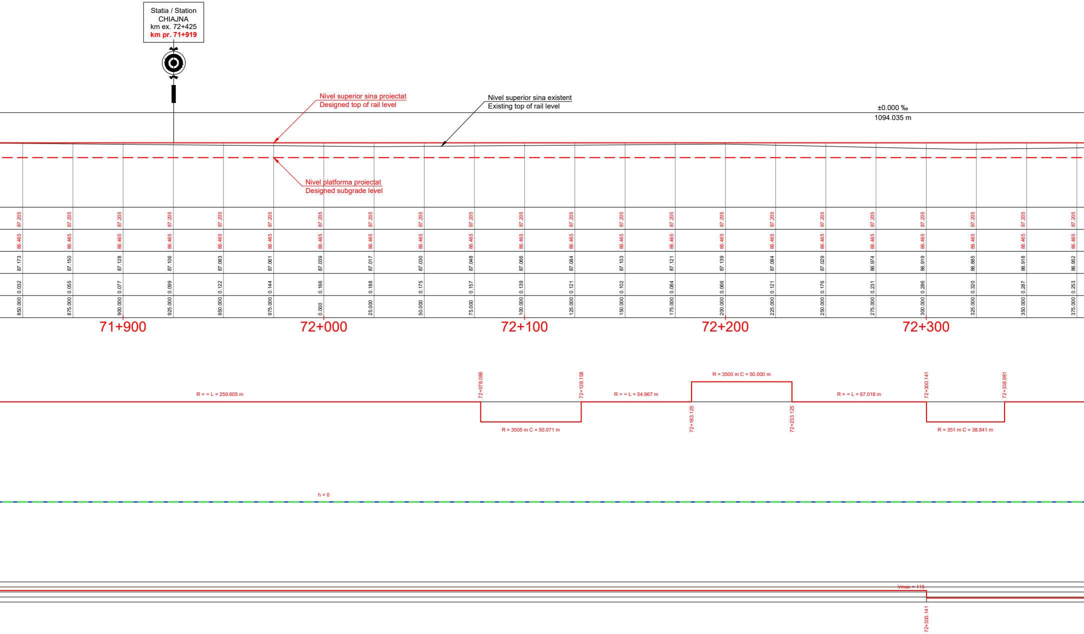

KM = 71+736.393
NSS = 87.205
Rv = 5000.000
Tv = 6.363
Bv = 0.004
-2.545 ‰
673.732 m

88.379	88.316	88.252	88.188	88.125	88.061	87.998	87.934	87.870	87.807	87.743	87.679	87.616	87.552	87.489	87.425	87.361	87.298	87.234	87.221	87.209	87.205	87.205	87.205	87.205	87.205
87.639	87.576	87.512	87.448	87.385	87.321	87.258	87.194	87.130	87.067	87.003	86.939	86.876	86.812	86.749	86.685	86.621	86.558	86.494	86.481	86.469	86.465	86.465	86.465	86.465	86.465
87.858	87.749	87.640	87.618	87.596	87.573	87.551	87.529	87.506	87.484	87.462	87.440	87.417	87.395	87.373	87.351	87.328	87.306	87.284	87.279	87.274	87.268	87.262	87.239	87.217	87.195
0.522	0.567	0.612	0.571	0.529	0.488	0.447	0.405	0.364	0.322	0.281	0.240	0.198	0.157	0.116	0.074	0.033	-0.008	-0.050	-0.058	-0.065	-0.063	-0.057	-0.034	-0.012	0.010
275.000	300.000	325.000	350.000	375.000	400.000	425.000	450.000	475.000	500.000	525.000	550.000	575.000	600.000	625.000	650.000	675.000	700.000	725.000	730.030	736.393	742.756	750.000	775.000	800.000	825.000

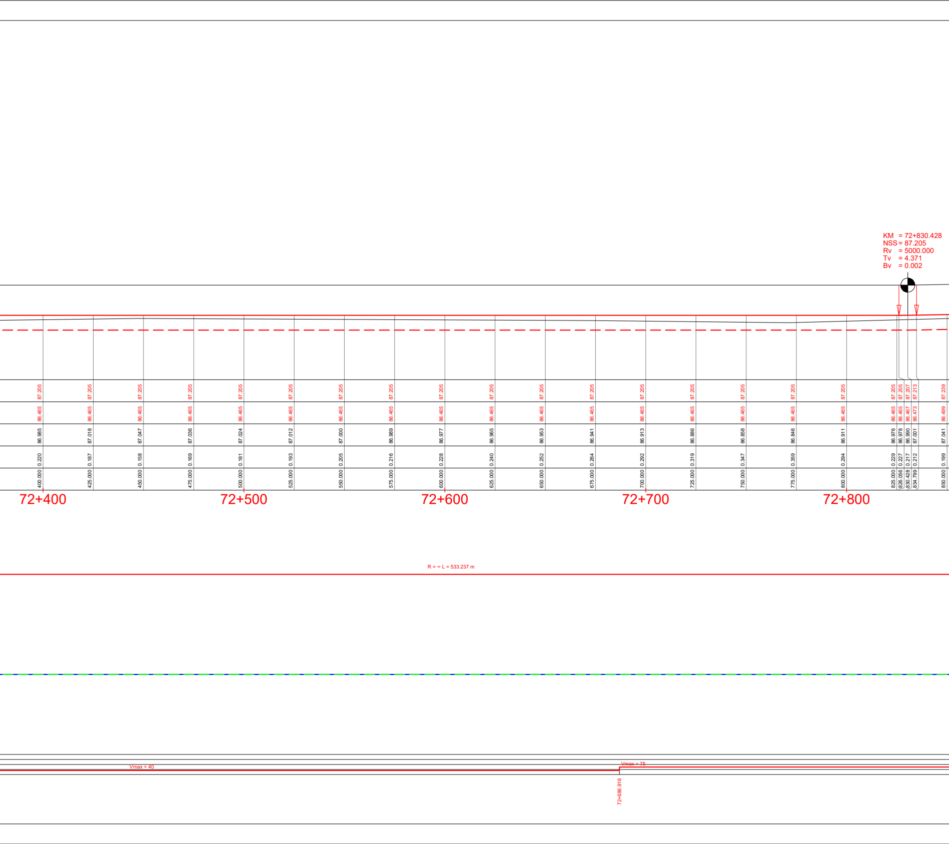
71+300 71+400 71+500 71+600 71+700 71+800


R = ∞ L = 569.651 m
R = 3500 m C = 50.000 m
71+663.443
71+713.443
R = ∞ L = 54.967 m
71+768.410
71+818.481
R = 3505 m C = 50.071 m

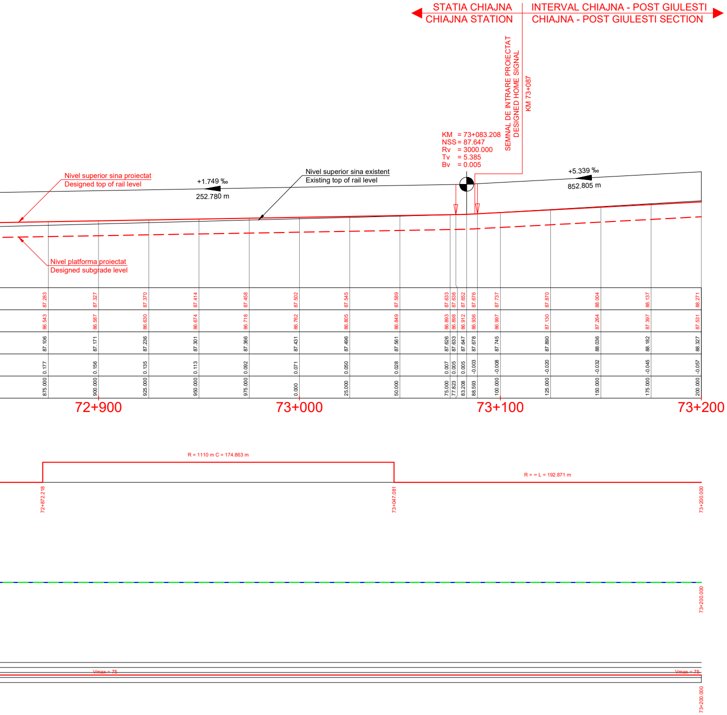
Vmax = 115


Statia / Station
CHIAJNA
km ex. 72+425
km pr. 71+919
Nivel superior sina proiectat
Designed top of rail level
Nivel superior sina existent
Existing top of rail level
±0.000 ‰
1094.035 m
Nivel platforma proiectat
Designed subgrade level
71+900
72+000
72+100
72+200
72+300
R = ∞ L = 259.605 m
72+078.086
72+128.158
R = 3505 m C = 50.071 m
R = ∞ L = 54.967 m
R = 3500 m C = 50.000 m
72+183.125
72+233.125
R = ∞ L = 67.016 m
72+300.141
72+338.981
R = 351 m C = 38.841 m
h = 0
Vmax = 115
72+300.141

87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205	87.205
86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465	86.465
87.173	87.150	87.128	87.106	87.083	87.061	87.039	87.017	87.030	87.048	87.066	87.084	87.103	87.121	87.139	87.084	87.029	86.974	86.919	86.885	86.918	86.952
0.032	0.055	0.077	0.099	0.122	0.144	0.166	0.188	0.175	0.157	0.139	0.121	0.102	0.084	0.066	0.121	0.176	0.231	0.286	0.320	0.287	0.253
850.000	875.000	900.000	925.000	950.000	975.000	0.000	25.000	50.000	75.000	100.000	125.000	150.000	175.000	200.000	225.000	250.000	275.000	300.000	325.000	350.000	375.000


KM = 72+830.428
NSS= 87.205
Rv = 5000.000
Tv = 4.371
Bv = 0.002
72+400
72+500
72+600
72+700
72+800
R = ∞ L = 533.237 m
Vmax = 40
Vmax = 75
72+686.916

87.205	86.465	86.985	0.220	400.000
87.205	86.465	87.018	0.187	425.000
87.205	86.465	87.047	0.158	450.000
87.205	86.465	87.036	0.169	475.000
87.205	86.465	87.024	0.181	500.000
87.205	86.465	87.012	0.193	525.000
87.205	86.465	87.000	0.205	550.000
87.205	86.465	86.989	0.216	575.000
87.205	86.465	86.977	0.228	600.000
87.205	86.465	86.965	0.240	625.000
87.205	86.465	86.953	0.252	650.000
87.205	86.465	86.941	0.264	675.000
87.205	86.465	86.913	0.292	700.000
87.205	86.465	86.886	0.319	725.000
87.205	86.465	86.858	0.347	750.000
87.205	86.465	86.846	0.359	775.000
87.205	86.465	86.911	0.294	800.000
87.205	86.465	86.976	0.229	825.000
87.205	86.465	86.978	0.227	826.056
87.207	86.467	86.990	0.217	830.428
87.213	86.473	87.001	0.212	834.799
87.239	86.499	87.041	0.199	850.000


STATIA CHIAJNA
CHIAJNA STATION
INTERVAL CHIAJNA - POST GIULESTI
CHIAJNA - POST GIULESTI SECTION
SEMNAL DE INTRARE PROIECTAT
DESIGNED HOME SIGNAL
KM 73+087
KM = 73+083.208
NSS = 87.647
Rv = 3000.000
Tv = 5.385
Bv = 0.005
Nivel superior sina proiectat
Designed top of rail level
+1.749 ‰
252.780 m
Nivel superior sina existent
Existing top of rail level
+5.339 ‰
852.805 m
Nivel platforma proiectat
Designed subgrade level
72+900
73+000
73+100
73+200
R = 1110 m C = 174.863 m
R = ∞ L = 192.871 m
72+872.218
73+047.081
73+200.000
Vmax = 75

ENTITATE CONTRACTANTA
CONTRACTING ENTITY

C.N.C.F. "C.F.R." - S.A.

CONTRACTANT
CONTRACTOR

Asocierea S.C. ISPCF S.A. - S.C. BAICONS IMPEX SRL

	Nume *Name*	Data *Date*	Semnatura *Signature*
Şef Proiect *Project Manager*	Viorel Gorgonetu	11.2024	
Verificat *Checked*	Ioana Crăciun	11.2024	
Proiectat *Designed*	Radu Crăciun	11.2024	

”Modernizarea liniilor și instalațiilor din Complexul Feroviar București” Studiu de fezabilitate

”Modernization lines and installations in the Bucharest Railway Complex Feasibility Study

Proiect / *Project*
38 / 2022

Faza / *Phase*
S.F.
F.S.

Denumire / *Title*

Profil longitudinal Firul I
Longitudinal profile Track I
km 70+800.00 - km 73+200.00

Scara / *Scale*
1:1000
1:100

Codificare / Codification System

COBU SF CFT DPL 00 00 036 R00

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1		
2		
3		
4		