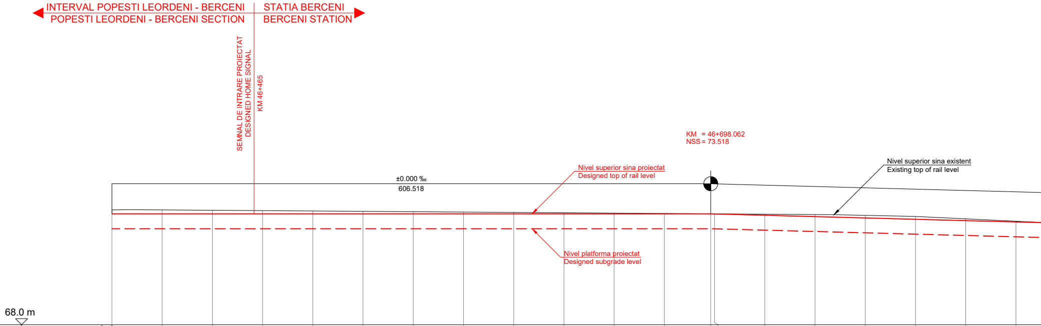

INTERVAL POPESTI LEORDENI - BERCENI
POPESTI LEORDENI - BERCENI SECTION
STATIA BERCENI
BERCENI STATION
SEMNAL DE INTRARE PROIECTAT
DESIGNED HOME SIGNAL
KM 46+465
KM = 46+698.062
NSS = 73.518
Nivel superior sina proiectat
Designed top of rail level
Nivel superior sina existent
Existing top of rail level
±0.000 ‰
606.518
Nivel platforma proiectat
Designed subgrade level
68.0 m

Nivel superior sina proiectat (in curbe pe firul interior)	Designed top of rail level (in curves on inner rail)	73.518	73.518	73.518	73.518	73.518	73.518	73.518	73.518	73.518	73.518	73.518	73.518	73.518	73.513	73.447	73.381	73.314	73.248	73.182	73.115
Nivel platforma proiectat	Designed subgrade level	72.778	72.778	72.778	72.778	72.778	72.778	72.778	72.778	72.778	72.778	72.778	72.778	72.778	72.773	72.707	72.641	72.574	72.508	72.442	72.375
Nivel superior sina existent sau nivel teren existent	Existing top of rail level or existing ground level	73.714	73.712	73.694	73.677	73.659	73.641	73.623	73.606	73.588	73.570	73.553	73.535	73.518	73.517	73.499	73.482	73.443	73.390	73.270	73.151
Diferente pe verticala (m) intre NSS proiectat si NSS existent	Vertical differences (m) between designed TOR and existing TOR	-0.196	-0.193	-0.176	-0.158	-0.140	-0.123	-0.105	-0.087	-0.069	-0.052	-0.034	-0.016	-0.000	-0.004	-0.052	-0.101	-0.129	-0.142	-0.089	-0.035
Kilometraj	Chainage	400.000	425.000	450.000	475.000	500.000	525.000	550.000	575.000	600.000	625.000	650.000	675.000	698.062	700.000	725.000	750.000	775.000	800.000	825.000	850.000

46+400 46+500 46+600 46+700 46+800

Diagrama curburii

Scara: 1000/R [cm]

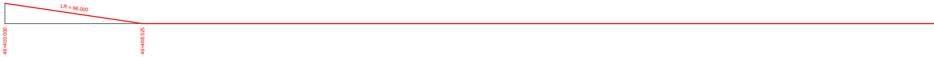

LR = 96.000
46+400.000
46+468.525

Diagrama suprainaltarii

Scara: 0.1 x h [mm]

Sina stanga - - -

Sina dreapta ―

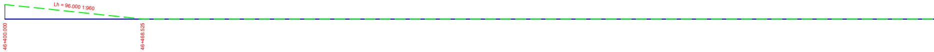
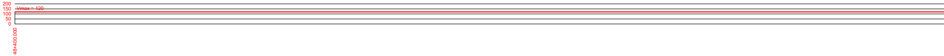
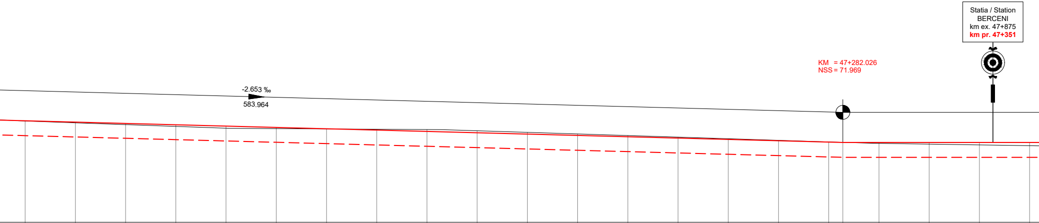

Lh = 96.000 1:960
46+400.000
46+468.525

Diagrama vitezei

Scara: 0.05 x km/h [mm]

Vmax ―



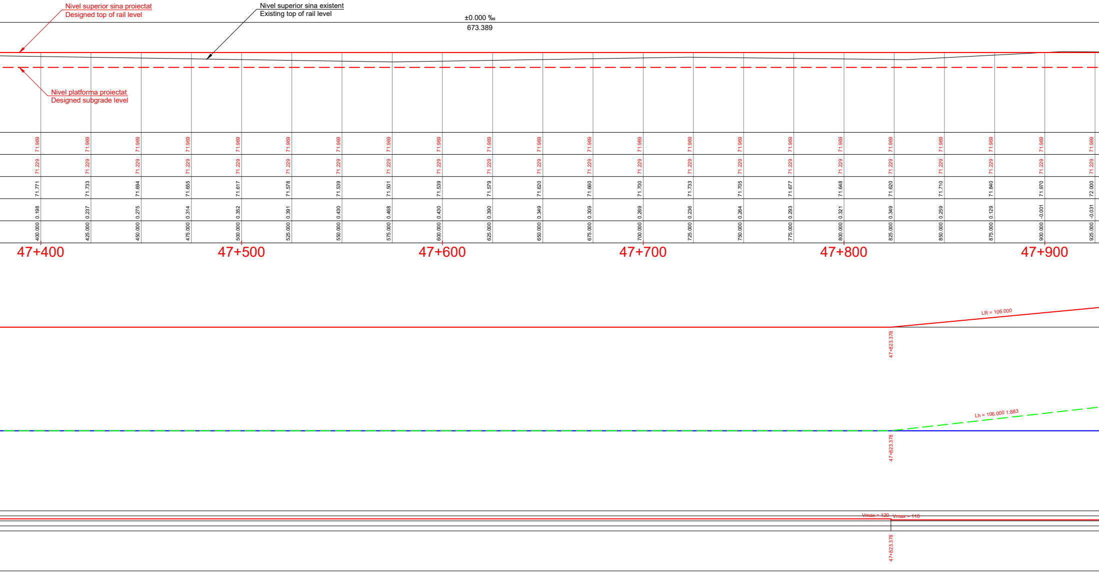

Statia / Station
BERCENI
km ex. 47+875
km pr. 47+351
KM = 47+282.026
NSS = 71.969
-2.653 ‰
583.964

73.049	72.983	72.916	72.850	72.784	72.717	72.651	72.585	72.518	72.452	72.386	72.319	72.253	72.187	72.120	72.054	71.988	71.969	71.969	71.969	71.969	71.969
72.309	72.243	72.176	72.110	72.044	71.977	71.911	71.845	71.778	71.712	71.646	71.579	71.513	71.447	71.380	71.314	71.248	71.229	71.229	71.229	71.229	71.229
73.034	72.945	72.856	72.767	72.678	72.657	72.642	72.627	72.611	72.551	72.472	72.393	72.314	72.235	72.156	72.077	71.998	71.976	71.926	71.887	71.848	71.810
0.015	0.038	0.060	0.083	0.106	0.060	0.009	-0.042	-0.093	-0.098	-0.086	-0.073	-0.061	-0.048	-0.035	-0.023	-0.010	-0.007	0.043	0.082	0.121	0.159
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	282.026	300.000	325.000	350.000	375.000
	46+900				47+000				47+100				47+200					47+300			

R = ∞ L = 1354.852

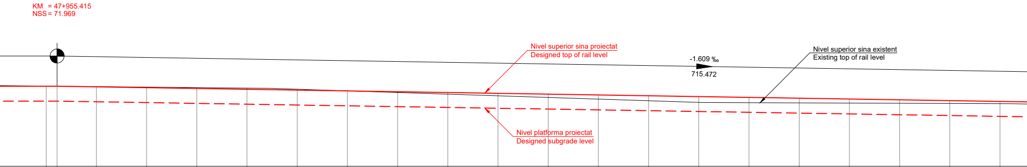
h = 0

Vmax = 120

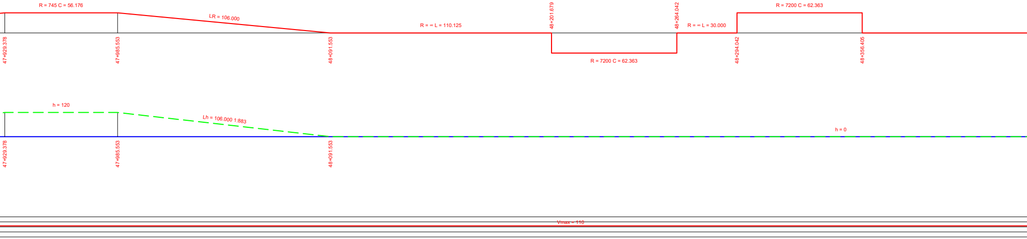

Nivel superior sina proiectat
Designed top of rail level
Nivel superior sina existent
Existing top of rail level
±0.000 ‰
673.389
Nivel platforma proiectat
Designed subgrade level
47+400
47+500
47+600
47+700
47+800
47+900
LR = 106.000
47+823.378
Lh = 106.000 1:883
47+823.378
Vmax = 120
Vmax = 110
47+823.378

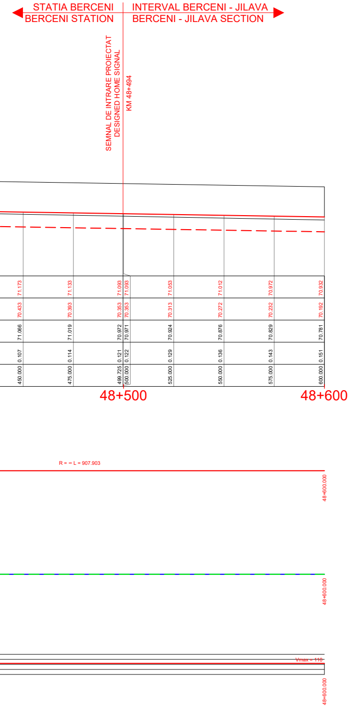
71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969	71.969
71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229	71.229
71.771	71.733	71.694	71.655	71.617	71.578	71.539	71.501	71.539	71.579	71.620	71.660	71.700	71.733	71.705	71.677	71.648	71.620	71.710	71.840	71.970	72.000
0.198	0.237	0.275	0.314	0.352	0.391	0.430	0.468	0.430	0.390	0.349	0.309	0.269	0.236	0.264	0.293	0.321	0.349	0.259	0.129	-0.001	-0.031
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	750.000	775.000	800.000	825.000	850.000	875.000	900.000	925.000

KM = 47+955.415
NSS = 71.969


Nivel superior sina proiectat
Designed top of rail level
-1.609 ‰
715.472
Nivel superior sina existent
Existing top of rail level
Nivel platforma proiectat
Designed subgrade level

71.969	71.229	71.975	-0.005	950.000	
71.969	71.229	71.969	-0.000	955.415	
71.938	71.198	71.949	-0.012	975.000	
71.897	71.157	71.924	-0.027	0.000	48+000
71.857	71.117	71.899	-0.042	25.000	
71.817	71.077	71.874	-0.057	50.000	
71.777	71.037	71.819	-0.042	75.000	
71.737	70.997	71.737	-0.001	100.000	48+100
71.696	70.956	71.655	0.041	125.000	
71.656	70.916	71.574	0.083	150.000	
71.616	70.876	71.492	0.124	175.000	
71.576	70.836	71.410	0.166	200.000	48+200
71.535	70.795	71.328	0.207	225.000	
71.495	70.755	71.246	0.249	250.000	
71.455	70.715	71.165	0.290	275.000	
71.415	70.675	71.151	0.264	300.000	48+300
71.375	70.635	71.141	0.233	325.000	
71.334	70.594	71.132	0.202	350.000	
71.294	70.554	71.123	0.171	375.000	
71.254	70.514	71.114	0.140	400.000	48+400
71.214	70.474	71.105	0.109	425.000	


R = 745 C = 56.176
LR = 106.000
R = ∞ L = 110.125
48+201.679
48+264.042
R = ∞ L = 30.000
R = 7200 C = 62.363
R = 7200 C = 62.363
47+929.378
47+985.553
48+091.553
48+294.042
48+356.405
h = 120
Lh = 106.000 1:883
h = 0
47+929.378
47+985.553
48+091.553
Vmax = 110


STATIA BERCENI
BERCENI STATION
INTERVAL BERCENI - JILAVA
BERCENI - JILAVA SECTION
SEMNAL DE INTRARE PROIECTAT
DESIGNED HOME SIGNAL
KM 48+494
48+500
48+600
R = ∞ L = 907.903
48+600.000
48+600.000
Vmax = 110
48+600.000

71.173	71.133	71.093	71.093	71.053	71.012	70.972	70.932
70.433	70.393	70.353	70.353	70.313	70.272	70.232	70.192
71.066	71.019	70.972	70.971	70.924	70.876	70.829	70.781
0.107	0.114	0.121	0.122	0.129	0.136	0.143	0.151
450.000	475.000	499.725	500.000	525.000	550.000	575.000	600.000

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 46+400.00 - km 48+600.00

Scara / *Scale*
1:1000
1:100

Codificare / Codification System

C O B U | S F | C F T | D P L | 0 0 | 0 0 | 0 2 4 | R 0 0

Istoricul reviziilor / Revision History

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