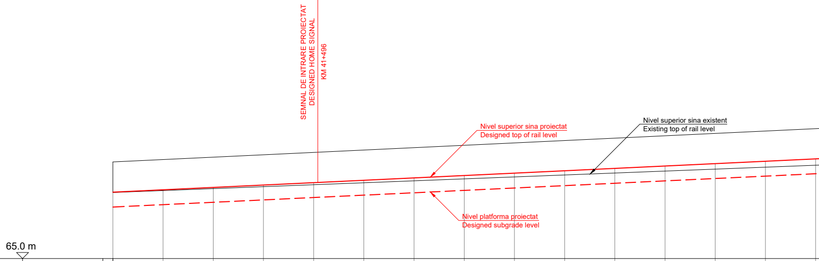
INTERVAL BUCURESTI GR. TEHNICA - POPESTI LEORDENI | STATIA POPESTI LEORDENI
BUCURESTI GR. TEHNICA - POPESTI LEORDENI SECTION | POPESTI LEORDENI STATION


SEMNAL DE INTRARE PROIECTAT
DESIGNED HOME SIGNAL
KM 41+496
Nivel superior sina proiectat
Designed top of rail level
Nivel superior sina existent
Existing top of rail level
Nivel platforma proiectat
Designed subgrade level
65.0 m

Nivel superior sina proiectat (in curbe pe firul interior)	Designed top of rail level (in curves on inner rail)	68.301	68.419	68.537	68.655	68.773	68.891	69.009	69.128	69.246	69.364	69.482	69.600	69.718	69.836	69.955
Nivel platforma proiectat	Designed subgrade level	67.561	67.679	67.797	67.915	68.033	68.151	68.269	68.388	68.506	68.624	68.742	68.860	68.978	69.096	69.215
Nivel superior sina existent sau nivel teren existent	Existing top of rail level or existing ground level	68.283	68.380	68.476	68.573	68.670	68.766	68.863	68.960	69.056	69.153	69.250	69.346	69.443	69.540	69.636
Diferente pe verticala (m) intre NSS proiectat si NSS existent	Vertical differences (m) between designed TOR and existing TOR	0.017	0.039	0.060	0.082	0.103	0.125	0.146	0.168	0.189	0.211	0.232	0.254	0.275	0.297	0.318
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	700.000	725.000	750.000

41+400 41+500 41+600 41+700

Diagrama curburii
Scara: 1000/R [cm]

Diagrama suprainaltarii
Scara: 0.1 x h [mm]

Sina stanga — — —
Sina dreapta ———

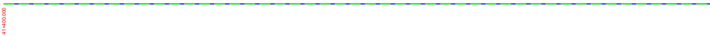
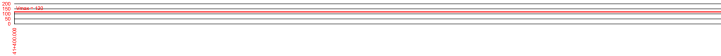
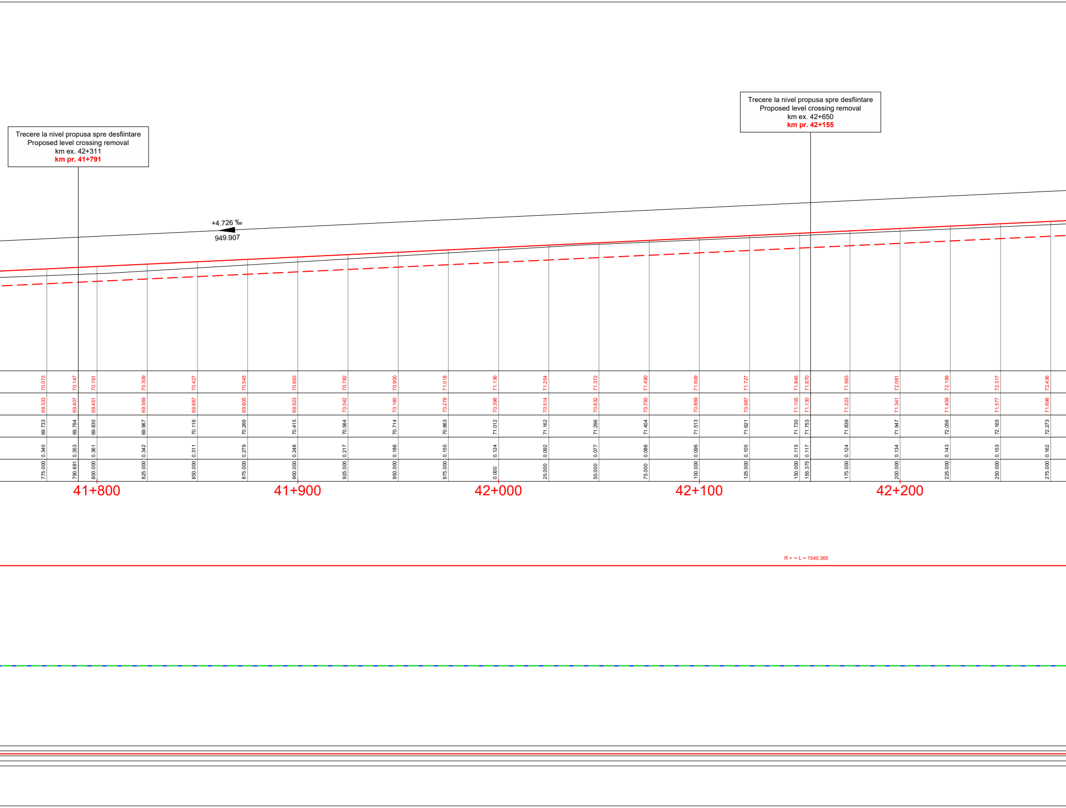


Diagrama vitezei
Scara: 0.05 x km/h [mm]

Vmax ———

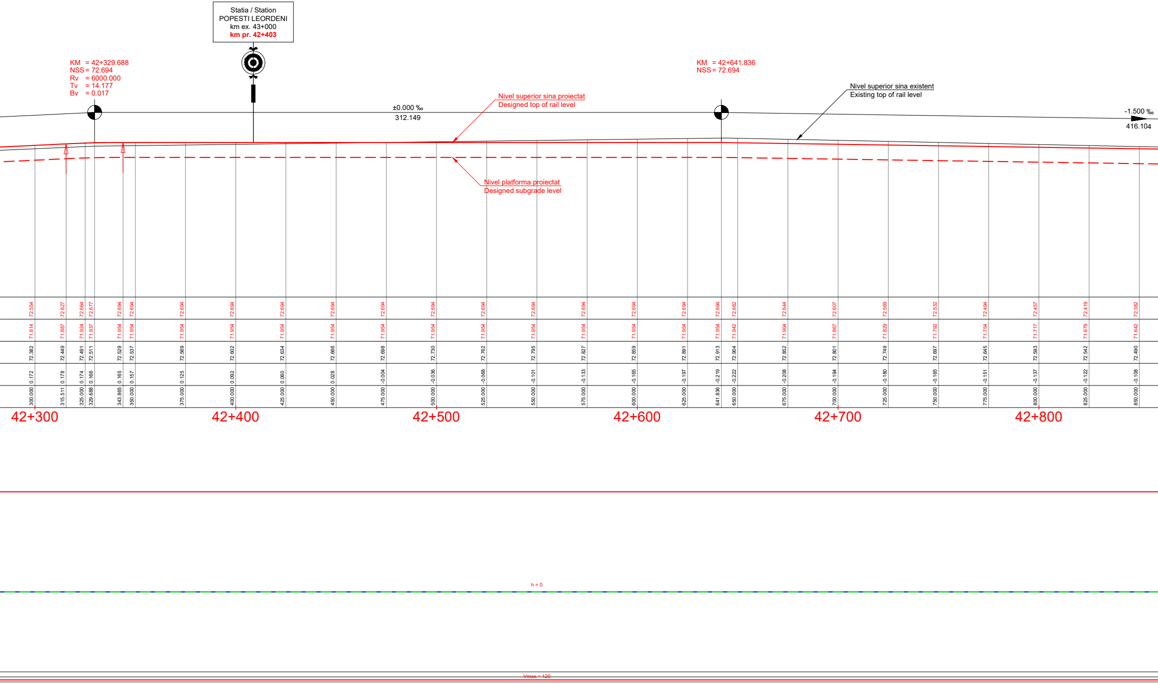

200
150
100
50
0
Vmax = 120
41+400.000


+4.726 ‰
949.907
41+800
41+900
42+000
42+100
42+200
R = ∞ L = 1540.365

Trecere la nivel propusa spre desfiintare
Proposed level crossing removal
km ex. 42+311
km pr. 41+791

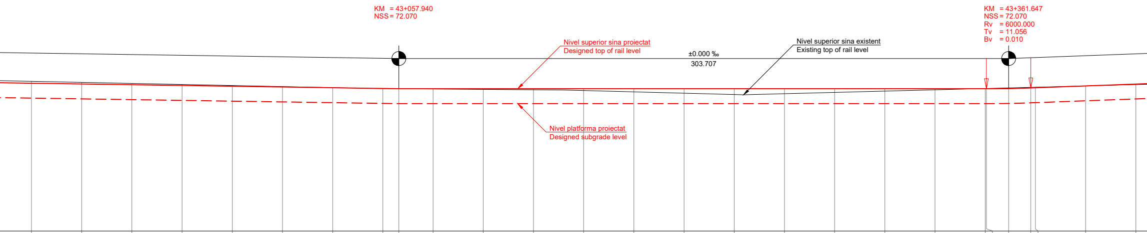
Trecere la nivel propusa spre desfiintare
Proposed level crossing removal
km ex. 42+650
km pr. 42+155

70.073	70.147	70.191	70.309	70.427	70.545	70.663	70.782	70.900	71.018	71.136	71.254	71.372	71.490	71.609	71.727	71.845	71.870	71.963	72.081	72.199	72.317	72.436
69.333	69.407	69.451	69.569	69.687	69.805	69.923	70.042	70.160	70.278	70.396	70.514	70.632	70.750	70.869	70.987	71.105	71.130	71.223	71.341	71.459	71.577	71.696
69.733	69.794	69.830	69.967	70.116	70.266	70.415	70.564	70.714	70.863	71.012	71.162	71.296	71.404	71.513	71.621	71.730	71.753	71.839	71.947	72.056	72.165	72.273
0.340	0.353	0.361	0.342	0.311	0.279	0.248	0.217	0.186	0.155	0.124	0.092	0.077	0.086	0.096	0.105	0.115	0.117	0.124	0.134	0.143	0.153	0.162
775.000	790.681	800.000	825.000	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	155.375	175.000	200.000	225.000	250.000	275.000

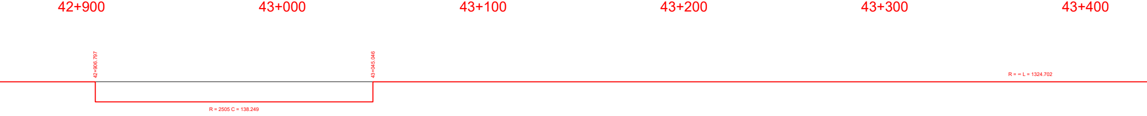

Statia / Station
POPESTI LEORDENI
km ex. 43+000
km pr. 42+403
KM = 42+329.688
NSS = 72.694
Rv = 6000.000
Tv = 14.177
Bv = 0.017
KM = 42+641.836
NSS = 72.694
±0.000 ‰
312.149
-1.500 ‰
416.104
Nivel superior sina proiectat
Designed top of rail level
Nivel superior sina existent
Existing top of rail level
Nivel platforma proiectat
Designed subgrade level
42+300
42+400
42+500
42+600
42+700
42+800
h = 0
Vmax = 120

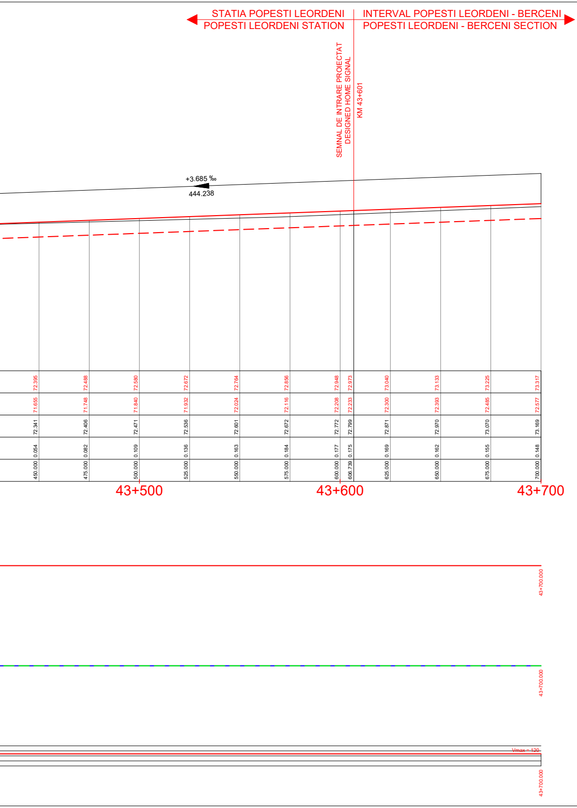
72.554	72.627	72.664	72.677	72.694	72.694	72.694	72.694	72.694	72.694	72.694	72.694	72.694	72.694	72.694
71.814	71.887	71.924	71.937	71.954	71.954	71.954	71.954	71.954	71.954	71.954	71.954	71.954	71.954	71.954
72.382	72.449	72.491	72.511	72.529	72.537	72.569	72.602	72.634	72.666	72.698	72.730	72.762	72.795	72.827
0.172	0.178	0.174	0.166	0.165	0.157	0.125	0.092	0.060	0.028	-0.004	-0.036	-0.068	-0.101	-0.133
300.000	315.511	325.000	329.688	343.865	350.000	375.000	400.000	425.000	450.000	475.000	500.000	525.000	550.000	575.000

72.694	72.694	72.694	72.682	72.644	72.607	72.569	72.532	72.494	72.457	72.419	72.382
71.954	71.954	71.954	71.942	71.904	71.867	71.829	71.792	71.754	71.717	71.679	71.642
72.859	72.891	72.913	72.904	72.852	72.801	72.749	72.697	72.645	72.593	72.542	72.490
-0.165	-0.197	-0.219	-0.222	-0.208	-0.194	-0.180	-0.165	-0.151	-0.137	-0.122	-0.108
600.000	625.000	641.836	650.000	675.000	700.000	725.000	750.000	775.000	800.000	825.000	850.000


KM = 43+057.940
NSS = 72.070
Nivel superior sina proiectat
Designed top of rail level
±0.000 ‰
303.707
Nivel superior sina existent
Existing top of rail level
KM = 43+361.647
NSS = 72.070
Rv = 6000.000
Tv = 11.056
Bv = 0.010
Nivel platforma proiectat
Designed subgrade level

72.344	71.604	72.438	-0.094	875.000
72.307	71.567	72.386	-0.080	900.000
72.269	71.529	72.335	-0.065	925.000
72.232	71.492	72.283	-0.051	950.000
72.194	71.454	72.231	-0.037	975.000
72.157	71.417	72.179	-0.022	0.000
72.119	71.379	72.127	-0.008	25.000
72.082	71.342	72.076	0.006	50.000
72.070	71.330	72.070	-0.000	57.940
72.070	71.330	72.057	0.013	75.000
72.070	71.330	72.038	0.032	100.000
72.070	71.330	72.019	0.051	125.000
72.070	71.330	71.981	0.089	150.000
72.070	71.330	71.915	0.155	175.000
72.070	71.330	71.848	0.222	200.000
72.070	71.330	71.781	0.288	225.000
72.070	71.330	71.822	0.248	250.000
72.070	71.330	71.887	0.183	275.000
72.070	71.330	71.952	0.118	300.000
72.070	71.330	72.017	0.053	325.000
72.070	71.330	72.081	-0.012	350.000
72.070	71.330	72.083	-0.013	350.591
72.080	71.340	72.112	-0.032	361.647
72.111	71.371	72.140	-0.030	372.703
72.119	71.379	72.146	-0.027	375.000
72.211	71.471	72.211	-0.000	400.000
72.303	71.563	72.276	0.027	425.000


42+900
43+000
43+100
43+200
43+300
43+400
42+906.797
43+045.046
R = 2505 C = 138.249
R = ∞ L = 1324.702


STATIA POPESTI LEORDENI
POPESTI LEORDENI STATION
INTERVAL POPESTI LEORDENI - BERCENI
POPESTI LEORDENI - BERCENI SECTION
SEMNAL DE INTRARE PROIECTAT
DESIGNED HOME SIGNAL
KM 43+601
+3.685 ‰
444.238
72.395 72.488 72.580 72.672 72.764 72.856 72.948 72.973 73.040 73.133 73.225 73.317
71.655 71.748 71.840 71.932 72.024 72.116 72.208 72.233 72.300 72.393 72.485 72.577
72.341 72.406 72.471 72.536 72.601 72.672 72.772 72.799 72.871 72.970 73.070 73.169
0.054 0.082 0.109 0.136 0.163 0.184 0.177 0.175 0.169 0.162 0.155 0.148
450.000 475.000 500.000 525.000 550.000 575.000 600.000 606.739 625.000 650.000 675.000 700.000
43+500
43+600
43+700
43+700.000
43+700.000
Vmax = 120
43+700.000

ENTITATE CONTRACTANTA
CONTRACTING ENTITY

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

CONTRACTANT
CONTRACTOR

Fondat in 1947

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 41+400.00 - km 43+700.00

Scara / *Scale*
1:1000
1:100

Codificare / Codification System

COBU SF CFT DPL 00 00 022 R00

Istoricul reviziilor / Revision History

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