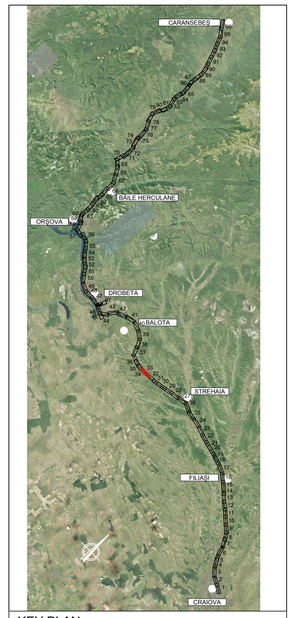
NOTE:

1. Poziţiile kilometrice prezentate (km) se referă la poziţiile proiectate pe firul I. / The reported kilometric positions (km) refer to designed positions on track I.
2. În profilul longitudinal, podeţele şi lucrările de consolidare nu sunt reprezentate. / In the longitudinal profile, culverts and consolidation works are not represented.
3. Pentru tronsoanele în care traseu orizontal este neschimbat în comparaţie cu cel existent, cotele terenului corespund cu cotele substratului căii. / For the sections where the horizontal alignment is unchanged compared to the existing, the ground levels correspond with the existing sub-ballast level .



KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT		
L =	609.098	2784.227
VHD =	1.009	11.819
Grade =	0.166	0.424
PROFIL KILOMETRICE / VERTICAL CHAINAGE	325741.389	326350.488

VC = 325741.389	VC = 326350.488
VH = 182.288	VH = 183.297
SD = -0.179	SD = 0.259
R = 60000.000	R = -45000.000
T = 53.812	T = 58.258
E = -0.024	E = 0.038

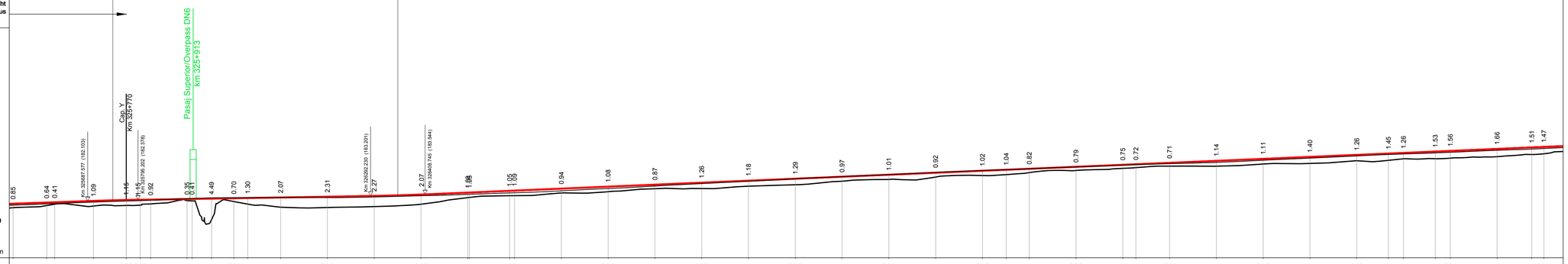
Abbreviations and Acronyms

VERTICAL ALIGNMENT:

- **L = Grade Length**
- **VHD= Vertex Height Difference**
- **VC = Vertex Chainage**
- **VH = Vertex Height**
- **SD = Slope Difference**
- **R = Vertical Radius**
- **T = Tangent**
- **E = External Distance**

HORIZONTAL ALIGNMENT:

- **T = Tangent**
- **C = Horizonal Curve**
- **S = Spiral**
- **L = Cuve or Tangent Lenght**
- **TL = Transition Curve Lenght**
- **R = Horizontal Curve Radius**
- **C = Cant**



SCARA / SCALE X= 5000
SCARA / SCALE Y= 500

Plan de Referinţă 170.00 m

N. SECTIUNE / SECTION NUMBER	279280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	181.55	181.90 181.86	182.14	182.33 182.39 182.42	182.55 182.52 182.52	182.88	183.05	183.21	183.51	183.88 184.31 184.36	184.78	185.21	185.63	186.05	186.48	186.90
COTA TEREN (CT) / GROUND LEVEL (GL)	180.70	181.16 181.45	181.05	181.18 181.24 181.50	182.10 182.16 182.20	180.81	180.74	180.94	181.44	183.55 183.84 183.90	183.84	184.13	184.76	185.18	185.30	185.61
NSS EXISTENTĂ / EXISTING TOR		181.51	181.89	182.21	182.63	182.86	182.85	182.99	183.26	183.30	184.31	184.79	185.33	185.85	186.34	186.87
KILOMETRAJ / KILOMETERS		325600.00	325700.00	325800.00	325900.00	326000.00	326100.00	326200.00	326300.00	326400.00	326500.00	326600.00	326700.00	326800.00	326900.00	327000.00
POZITII KILOMETRICE / CHAINAGE						326										327
TRASEU IN PLAN / HORIZONTAL ALIGNMENT	R=3000.00 L= 88.88		L= 205.14	R=3000.00 L= 88.74	L= 41.37	R=4500.00 L= 77.29		L= 474.08			R=5000.00 L= 85.63					

N. SECTIUNE / SECTION NUMBER	290	291	292	293	294	295
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	187.33 187.38 188.00 188.18 188.60 188.82 189.03 189.45 189.87 189.99 190.30 190.72 191.15 191.57 192.00 192.28 192.42 192.71 192.85 193.27 193.59 193.70					
COTA TEREN (CT) / GROUND LEVEL (GL)	186.36 187.26 187.58 187.78 188.21 188.65 189.12 189.27 189.59 189.98 190.04 190.17 190.74 190.83 191.16 191.29 191.61 192.08 192.23					
NSS EXISTENTĂ / EXISTING TOR	187.36 187.78 188.27 188.67 189.02 189.42 189.79 190.11 190.38 190.65 190.85 191.30 191.77 192.19 192.54 192.98 193.36					
KILOMETRAJ / KILOMETERS	327300.00 327400.00 327500.00 327600.00 327700.00 327800.00 327900.00 328000.00 328100.00 328200.00 328300.00 328400.00 328500.00 328600.00 328700.00 328800.00					
POZITII KILOMETRICE / CHAINAGE		328				
TRASEU IN PLAN / HORIZONTAL ALIGNMENT	R=-2995.80 L= 277.12	L= 539.72	TL= 100.21	R=-1004.20 L= 206.29	TL= 100	

LEGENDĂ / LEGEND

- Traseu C.F. Linie Dubla / Railway Alignment Double Line
- Traseu C.F. Linie Simpla / Railway Alignment Single Line
- Viaduct / Viaduct
- Pod / Underpass
- Pasaj superior / Overpass
- Podet / Culvert
- Podet existent / Existing Culvert
- Pod existent / Existing Bridge
- Tunel / Tunnel
- Area de siguranta si strada de aces / Safety area and access path
- Lucrări de consolidari / Consolidation Works
- Drumuri Deviate / Diverted Roads
- Treceri La Nivel / Level crossing

TN - Km x+x

Scara / Scale 1: 5.000

0 100m 200m 300m

SISTEM DE COORDONATE DE REFERINŢĂ
Punct de Origine Pentru Sistem de Coordonate: S-42
Unitatea de Măsură România: metri
Proiecţie: Stereo 70

COORDINATE REFERENCE SYSTEM
Datum: S-42 Romania Units: meters
Projection: Stereo 70

REV.	DATA/DATE	DESCRIERE MODIFICARE / MODIFICATION DESCRIPTION
A	Mai 2020	Prima ediţie SFF / FFS First submission
B	Sept 2020	Conform solicitărilor Beneficiarului din act nr.11/2/504/2020
C		
D		

FAZA PHASE	NUME NAME	SEMNATURA SIGNATURE
APROBAT APPROVED	S. Menichini	
VERIFICAT CHECKED	S. Menichini	
INTOCMIT ELABORATED	F. Sorge	
SCARA SCALE	1:5000 / 1:500	FOAIE SHEET 33 din 97 / 33 of 97

Cofinanta de Mecanismul pentru interconectarea Europei al Uniunii Europene

DATA DATE Mai 2020

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

CONSULTANT CONSULTANT: ITALFERR (Grupo Ferrovie dello Stato Italiane, Lider Asociere); ISPCF Fondat in 1947; ITALROM Ingineria Internationala S.r.l.

STUDIU DE FEZABILITATE PENTRU REABILITARE A
LINIEI FEROVIARE CRAIOVA - CARANSEBEŞ /
FEASIBILITY STUDY FOR THE REHABILITATION OF THE
RAILWAY LINE CRAIOVA - CARANSEBES

DENUMIRE / TITLE:

Interval Tâmna St. - Igiroasa - km 325+770 - km 330+260 - 1 din 2
Interval Tâmna St. - Igiroasa - km 325+770 - km 330+260 - 1 of 2

CODIFICARE / CODIFICATION SYSTEM:

NUMAR PROIECT	NUMAR SECTIUNE	FAZA DE PROIECTARE	STATIE / INTERVAL	TIP DOCUMENT	SPECIALITATEA	NUMAR OBIECT	NUMEROTARE PROGRESIVA	REVIZIE
E218	I	SF	22	K5	AL	0 05	033	B