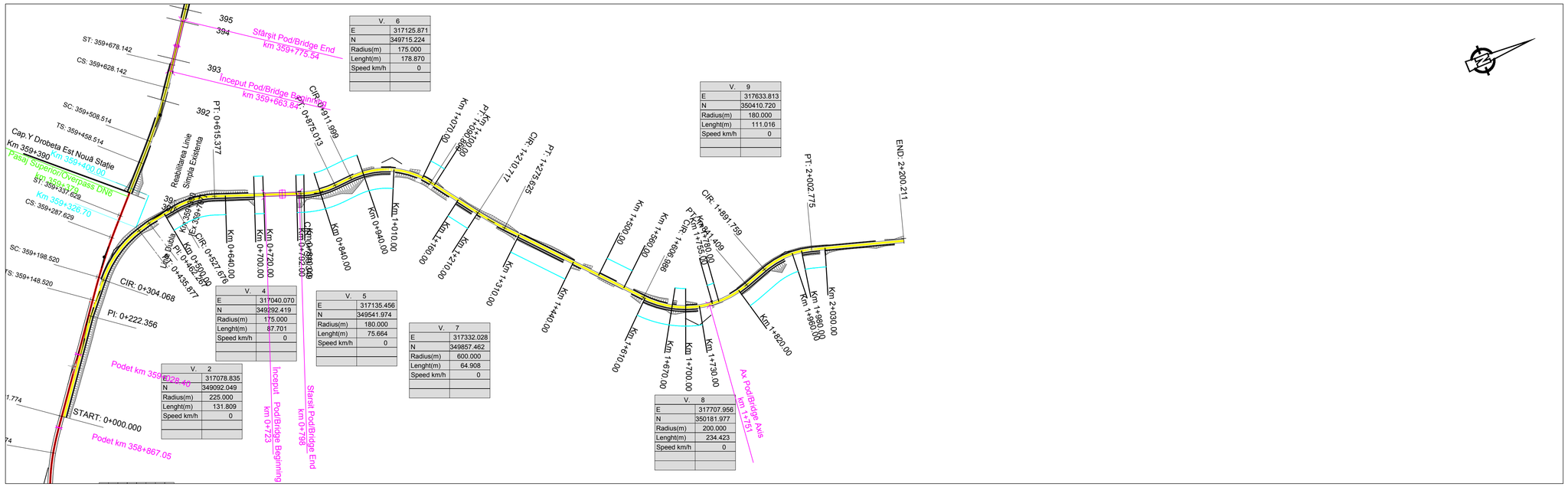
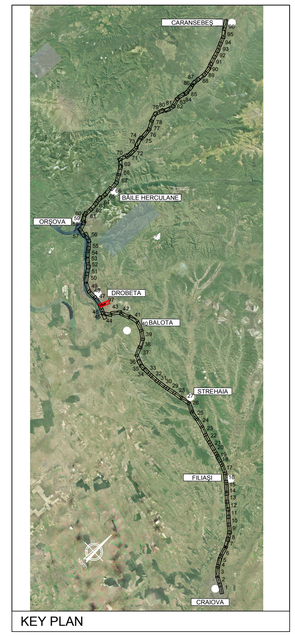
NOTE:

1. Pozițiile kilometrice prezentate (km) se referă la pozițiile proiectate pe firul I. / The reported kilometric positions (km) refer to designed positions on track I.
2. În profilul longitudinal, podețele și 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 comparație 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 = / VHD = / Grade =

PROFIL KILOMETRICE / VERTICAL CHAINAGE

L =	194.820	166.091	377.089	251.269	168.672	192.184	323.544	526.542
VHD =	-2.082	2.990	9.050	-1.963	-0.463	3.175	1.030	-7.386
Grade =	-1.069	1.800	2.400	-0.781	-0.275	1.652	0.318	-1.403

194.820 | 360.911 | 738.000 | 989.269 | 1157.941 | 1350.125 | 1673.669 | 2200.211

VC = 0.000	VC = 194.820	VC = 360.911	VC = 738.000	VC = 989.269	VC = 1157.941	VC = 1350.125	VC = 1673.669	VC = 2200.211
VH = 48.010	VH = 45.928	VH = 48.917	VH = 57.968	VH = 56.005	VH = 55.541	VH = 58.716	VH = 59.747	VH = 52.360
	SD = 2.869	SD = 0.600	SD = -3.181	SD = 0.506	SD = 1.927	SD = -1.334	SD = -1.721	
	R = -4200.000	R = -8000.000	R = 3200.000	R = -9500.000	R = -4300.000	R = 6500.000	R = 6000.000	
	T = 60.243	T = 23.989	T = 50.895	T = 24.053	T = 41.426	T = 43.337	T = 51.638	
	E = 0.432	E = 0.036	E = -0.405	E = 0.030	E = 0.200	E = -0.144	E = -0.222	

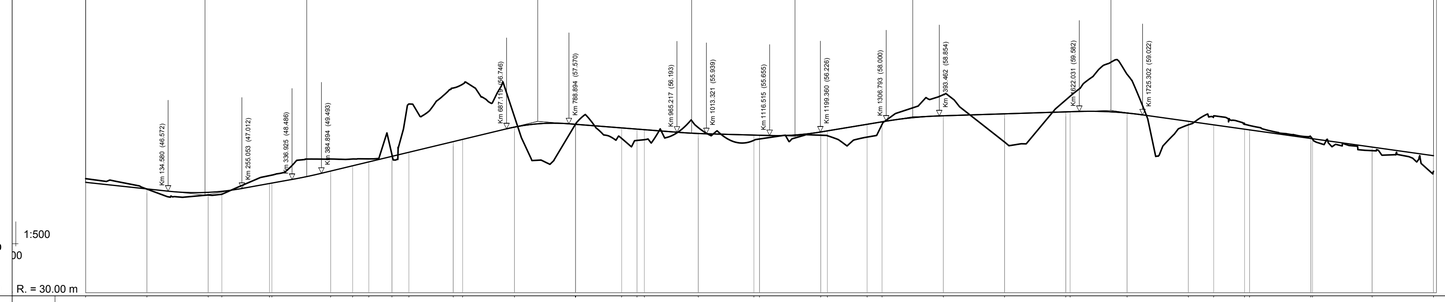
Abbreviations and Acronyms

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

1:500

Plan de Referință 20.00 m

R. = 30.00 m

N. SECTIUNE / SECTION NUMBER	0																2
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	48.01	46.94	46.38 46.55	47.89 47.89	49.86	50.72 51.35	52.26	52.92	54.66 55.02	57.03	57.48 57.48	56.90	56.70 56.61	55.98	55.73 55.70	55.24 55.41	57.49
COTA TEREN (CT) / GROUND LEVEL (GL)	48.62	46.91	45.94 46.07	48.19 48.19	51.82	51.82 51.84	52.53	50.80	53.40 54.43	58.72	57.48 57.48	55.18	54.95 54.95	56.95	54.87 55.09	55.10 55.02	55.40
DIFERENTA (NSS-CT) / DIFFERENCE (TOR-GL)	-0.61	0.03	0.44 0.48	-1.30 -1.30	-1.96	-1.10 -0.49	-0.27	2.12	-0.74 -1.01	-1.69	0.00 0.00	1.72	1.75 1.66	-0.97	0.86 0.61	0.14 0.39	2.09
KILOMETRAJ / KILOMETERS	0.00	100.00	200.00	300.00	400.00		500.00		600.00	700.00	800.00	900.00		1000.00	1100.00	1200.00	1300.00
POZITII KILOMETRICE / CHAINAGE	0		R=225.00		R=175.00								R=175.00				
TRASEU IN PLAN / HORIZONTAL ALIGNMENT		L= 222.36	L= 81.71	L= 131.81	L= 26.39	L= 65.41	L= 87.70			L= 183.97	R=-180.00 L= 75.66	L= 36.99	L= 178.87		L= 119.85	R=-600.00 L= 64.91	

N. SECTIUNE / SECTION NUMBER																	
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	58.88	59.19	59.51 59.51	59.32	57.97	57.39	56.69 56.57	55.18 55.18	53.77	52.36
COTA TEREN (CT) / GROUND LEVEL (GL)	62.31	54.59	61.46 62.06	65.65	57.40	56.82	57.47 57.29	55.18 55.18	53.19	49.77
DIFERENTA (NSS-CT) / DIFFERENCE (TOR-GL)	-3.43	4.60	-1.96 -2.53	-6.33	0.57	-1.43	-0.78 -0.72	0.00 0.00	0.58	2.59
KILOMETRAJ / KILOMETERS	1400.00	1500.00	1600.00	1700.00	1800.00		1900.00	2000.00	2100.00	2200.00
POZITII KILOMETRICE / CHAINAGE								R=180.00		
TRASEU IN PLAN / HORIZONTAL ALIGNMENT	L= 331.36			R=-200.00 L= 234.42			L= 50.35	L= 111.02		L= 197.44

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 REFERINȚĂ
Punct de Origine Pentru Sistem de Coordonate: S-42
Unitatea de Măsură România: metri
Proiecție: 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 ediție 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 97 din 97 / 97 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 (Grupul FERROVIE DELLO STATO ITALIANE, Lider Asociereа); ISPCF Fondat in 1947; ITALROM INGINERIE INTERNATIONALA S.r.l.

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

DENUMIRE / TITLE:
Plan/profil - Dudasu
Plan/profile - Dudasu

CODIFICARE / CODIFICATION SYSTEM:

NUMAR PROIECT	NUMAR SECTIUNE	FAZA DE PROIECTARE	STATIE / INTERVAL	TIP DOCUMENT	SPECIALITATEA	NUMAR OBIECT	NUMEROTARE PROGRESIVA	REVIZIE
E218	L	SF	68	K5	AL	0 05	097	B