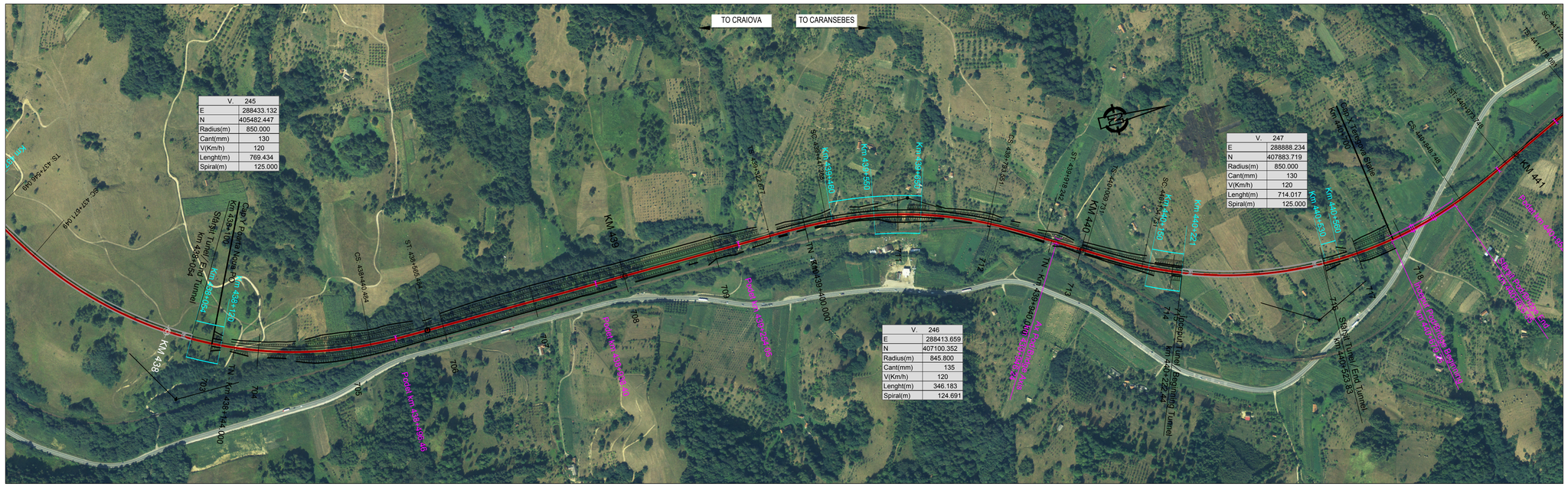
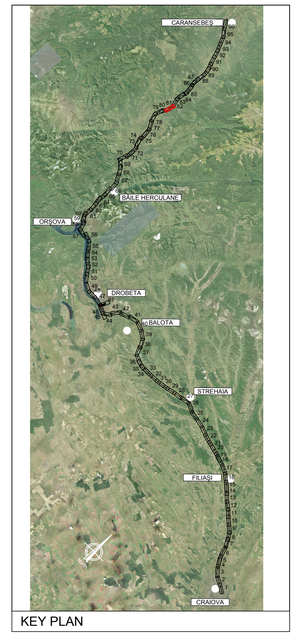
NOTE:

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 .

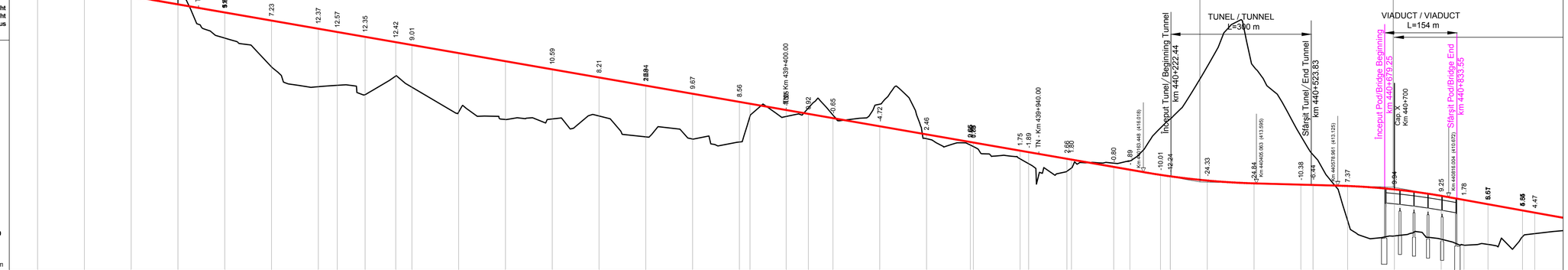




KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT — L =	2416.590	413.246	
VHD =	-41.928	-1.117	
Grade =	-1.735	-0.270	
PROFIL KILOMETRICE / VERTICAL CHAINAGE	437867.657	440284.246	440697.492

	VC	VH	SD	R	T	E
	437867.657	455.850	-2.035	17250.000	175.506	-0.893
	440284.246	413.922	1.465	-16500.000	120.817	0.442
	440697.492	412.805	-1.530	15500.000	118.531	-0.453



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 = Curve or Tangent Lenght
- TL = Transition Curve Lenght
- R = Horizontal Curve Radius
- C = Cant

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

Plan de Referinţă 395.00 m

N. SECTIUNE / SECTION NUMBER	703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	455.31 454.69 453.50 451.82 450.08 448.35 446.61 445.91 443.88 443.74 443.14 441.41 439.67 437.94 438.20 437.99 434.47 432.73 431.00 429.26 428.44 427.53 425.79 423.06 422.44 421.79 421.17 420.59 418.84 417.81 416.18 416.89 417.12 416.52 415.42 415.12 414.21 413.61 413.34 413.27 413.05 412.33 410.95 410.08 409.16 407.83 407.36
COTA TEREN (CT) / GROUND LEVEL (GL)	486.21 476.83 474.37 456.66 444.61 438.46 434.24 434.54 432.53 436.51 434.13 428.84 427.25 427.35 427.99 423.53 423.06 422.44 427.93 427.89 429.69 428.18 430.51 423.14 418.84 417.81 416.89 417.92 418.41 425.43 427.36 438.54 438.45 423.72 419.71 405.68 402.39 401.70 400.43 400.59 402.22 402.89
NSS EXISTENTĂ / EXISTING TOR	180.22 138.88
KILOMETRAJ / KILOMETERS	437800.00 437900.00 438000.00 438100.00 438200.00 438300.00 438400.00 438500.00 438600.00 438700.00 438800.00 438900.00 439000.00 439100.00 439200.00 439300.00 439400.00 439500.00 439600.00 439700.00 439800.00 439900.00 440000.00 440100.00 440200.00 440300.00 440400.00 440500.00 440600.00 440700.00 440800.00 440900.00 441000.00
POZITII KILOMETRICE / CHAINAGE	438 439 440 441
TRASEU IN PLAN / HORIZONTAL ALIGNMENT	R=850.00 L= 769.43; TL= 125.00; L= 757.19; TL= 124.69; R=845.80 L= 346.18; TL= 124.69; L= 91.49; TL= 125.00; R=850.00 L= 714.02; TL= 125.00

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
- TN - Km x+x — Treceri La Nivel — Level crossing

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 81 din 97 / 81 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 (Gruppo Ferrovie dello Stato Italiane, Lider Asociere); ISPCF Fondat in 1947; ITALROM INGINERIE 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 Poarta Nou PO - Teregova Hm. - km 438+100 - km 440+700 - 1 din 1 (Variantă 12)
Interval Poarta Nou PO - Teregova Hm. - km 438+100 - km 440+700 - 1 of 1 (Variant 12)

CODIFICARE / CODIFICATION SYSTEM:

NUMAR PROIECT	NUMAR SECTIUNE	FAZA DE PROIECTARE	STATIE / INTERVAL	TIP DOCUMENT	SPECIALITATEA	NUMAR OBIECT	NUMEROTARE PROGRESIVA	REVIZIE
E218	I	SF	55	K5	AL	0	05	081	B