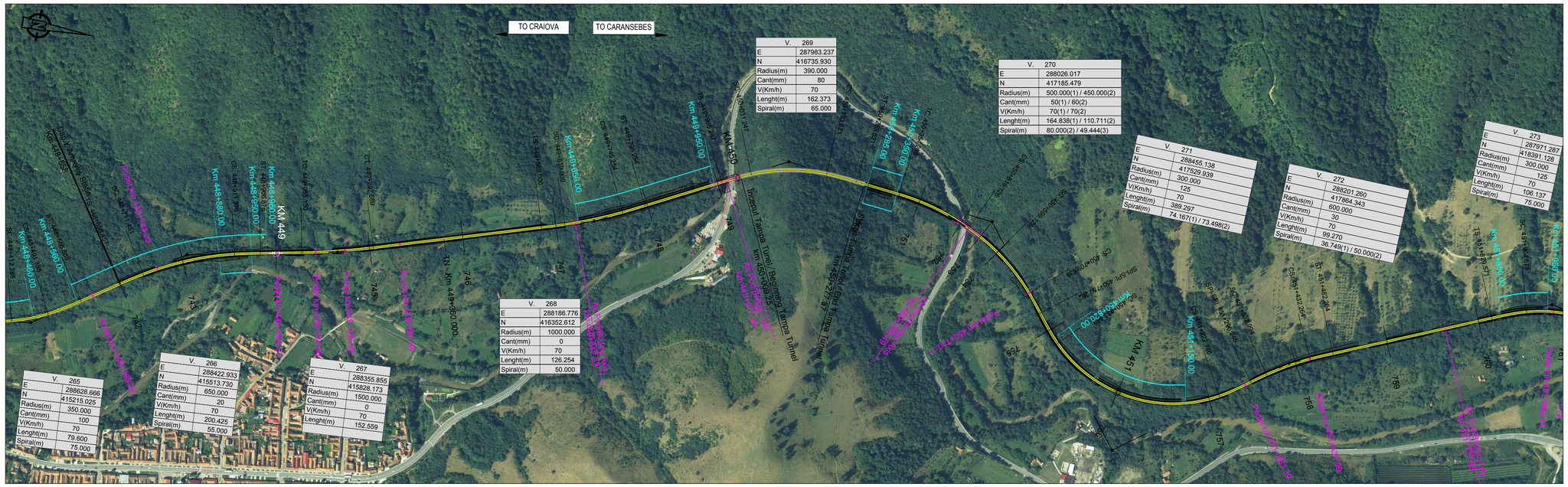
NOTE:

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 .



V.	265
E	288628.666
N	415215.025
Radius(m)	350.000
Cant(mm)	100
V(Km/h)	70
Lenght(m)	79.600
Spiral(m)	75.000

V.	266
E	288422.933
N	415513.730
Radius(m)	650.000
Cant(mm)	20
V(Km/h)	70
Lenght(m)	200.425
Spiral(m)	55.000

V.	267
E	288355.855
N	415828.173
Radius(m)	1500.000
Cant(mm)	0
V(Km/h)	70
Lenght(m)	152.559

V.	268
E	288186.776
N	416352.612
Radius(m)	1000.000
Cant(mm)	0
V(Km/h)	70
Lenght(m)	126.254
Spiral(m)	50.000

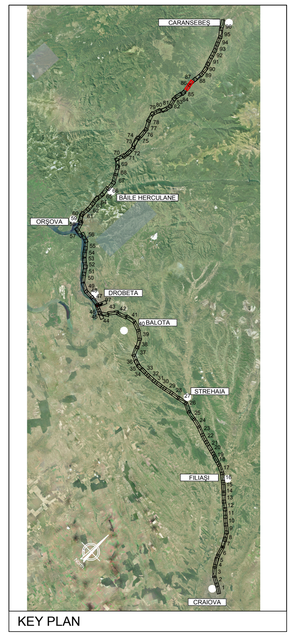
V.	269
E	287983.237
N	416735.930
Radius(m)	390.000
Cant(mm)	80
V(Km/h)	70
Lenght(m)	162.373
Spiral(m)	65.000

V.	270
E	288026.017
N	417185.479
Radius(m)	500.000(1) / 450.000(2)
Cant(mm)	50(1) / 60(2)
V(Km/h)	70(1) / 70(2)
Lenght(m)	164.838(1) / 110.711(2)
Spiral(m)	80.000(2) / 49.444(3)

V.	271
E	288455.138
N	417529.939
Radius(m)	300.000
Cant(mm)	125
V(Km/h)	70
Lenght(m)	389.297
Spiral(m)	74.167(1) / 73.498(2)

V.	272
E	288201.260
N	417864.343
Radius(m)	600.000
Cant(mm)	30
V(Km/h)	70
Lenght(m)	99.270
Spiral(m)	36.749(1) / 50.000(2)

V.	273
E	287971.287
N	418391.128
Radius(m)	300.000
Cant(mm)	125
V(Km/h)	70
Lenght(m)	106.137
Spiral(m)	75.000



KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT

L =	1091.730	1057.628	235.380	905.050
VHD =	-6.763	-13.977	-2.198	-4.503
Grade =	-0.619	-1.322	-0.934	-0.498

PROFIL KILOMETRICE / VERTICAL CHAINAGE: 449357.576 | 450415.204 | 450650.584 | 451555.634

449357.576	450415.204	450650.584	451555.634
VC = 449357.576	VC = 450415.204	VC = 450650.584	VC = 451555.634
VH = 344.158	VH = 330.181	VH = 327.983	VH = 323.480
SD = -0.702	SD = 0.388	SD = 0.436	SD = -0.439
R = 25000.000	R = -18000.000	R = -13000.000	R = 35000.000
T = 87.745	T = 34.900	T = 28.345	T = 76.876
E = -0.154	E = 0.034	E = 0.031	E = -0.084

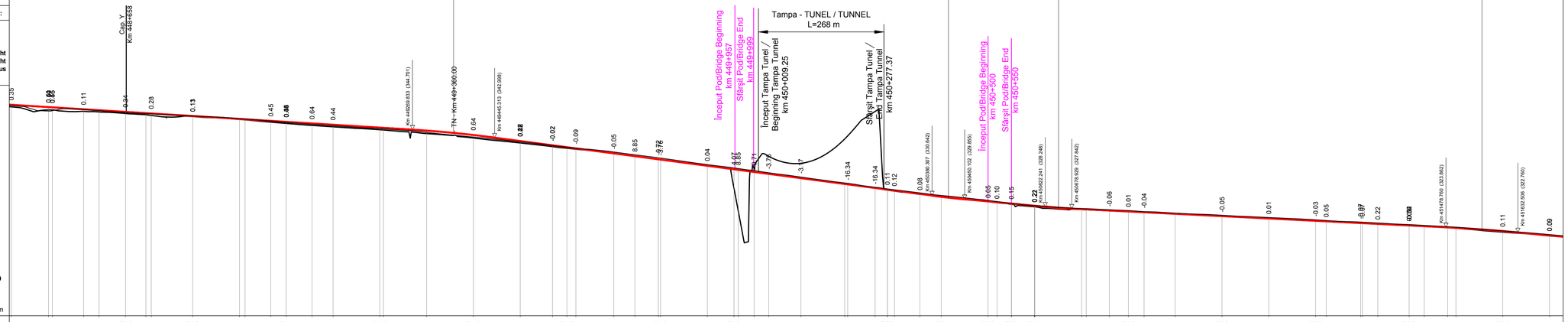
Abbreviations and Acronyms

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 = Horizontal 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 305.00 m

N. SECTIUNE / SECTION NUMBER: 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759

NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)

COTA TEREN (CT) / GROUND LEVEL (GL)

NSS EXISTENTĂ / EXISTING TOR

KILOMETRAJ / KILOMETERS: 448500.00 … 451700.00

POZITII KILOMETRICE / CHAINAGE: 449 450 451

TRASEU IN PLAN / HORIZONTAL ALIGNMENT: R=350.00 L= 79.60 | TL= 75.00 | L= 89.56 | TL= 55.00 | R=650.00 L= 200.42 | TL= 55.00 | L= 88.25 | R=1500.00 L= 152.56 | L= 361.31 | TL= 50.00 | R=1000.00 L= 126.25 | TL= 50.00 | L= 170.99 | TL= 65.00 | R=390.00 L= 162.37 | TL= 65.00 | L= 95.67 | R=500.00 L= 164.84 | TL= 80.00 | R=450.00 L= 110.71 | TL= 49.44 | TL= 74.17 | R= 300.00 L= 389.30 | TL= 73.50 | TL= 36.75 | R=600.00 L= 99.27 | TL= 50.00 | L= 347.31

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 86 din 97 / 86 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 Armeniş St. - Slatina Timiş St. - km 448+658 - km 452+994 - 1 din 2
Interval Armeniş St. - Slatina Timiş St. - km 448+658 - km 452+994 - 1 of 2

CODIFICARE / CODIFICATION SYSTEM:

NUMAR PROJECT	NUMAR SECTIUNE	FAZA DE PROIECTARE	STATIE / INTERVAL	TIP DOCUMENT	SPECIALITATEA	NUMAR OBIECT	NUMEROTARE PROGRESIVA	REVIZIE
E218	I	SF	59	K5	AL	0 05	086	B