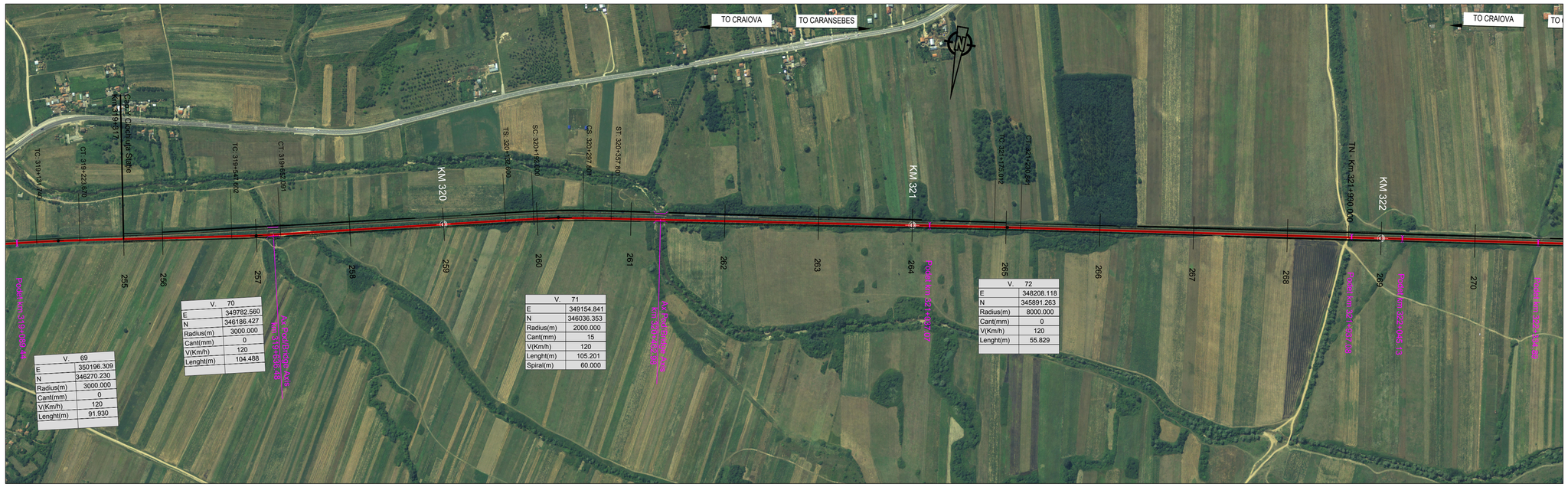
NOTE:

1. Pozițiile kilometrice prezentate (km) se referă la poziția 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 .

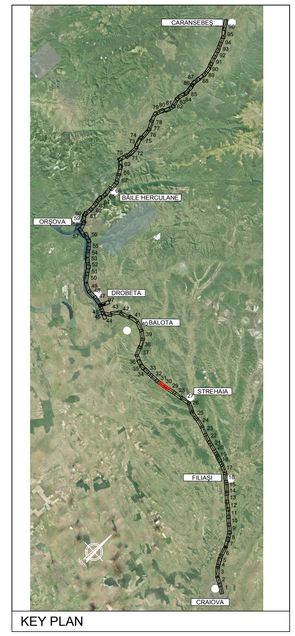


V.	69
E	350196.309
N	346270.230
Radius(m)	3000.000
Cant(mm)	0
V(Km/h)	120
Lenght(m)	91.930

V.	70
E	349782.560
N	346186.427
Radius(m)	3000.000
Cant(mm)	0
V(Km/h)	120
Lenght(m)	104.488

V.	71
E	349154.841
N	346036.353
Radius(m)	2000.000
Cant(mm)	15
V(Km/h)	120
Lenght(m)	105.201
Spiral(m)	60.000

V.	72
E	348208.118
N	345891.263
Radius(m)	8000.000
Cant(mm)	0
V(Km/h)	120
Lenght(m)	55.829



KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT					
L =	456.986	514.558	1081.858	918.497	758.740
VHD =	1.054	1.775	1.938	5.170	0.969
Grade =	0.231	0.345	0.179	0.563	0.128
PROFIL KILOMETRICE / VERTICAL CHAINAGE	319456.035	319970.593	321052.451	321970.948	

	319456.035	319970.593	321052.451	321970.948
VC =	319456.035	319970.593	321052.451	321970.948
VH =	160.536	162.311	164.249	169.419
SD =	0.114	-0.166	0.384	-0.435
R =	-75000.000	45000.000	-50000.000	45000.000
T =	42.879	37.328	95.935	97.903
E =	0.012	-0.015	0.092	-0.106

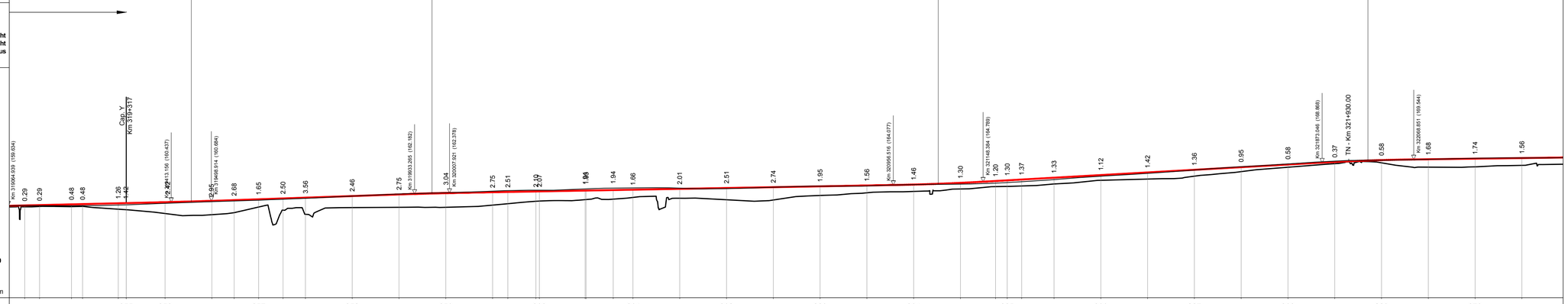
Abbreviations and Acronyms

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



N. SECTIUNE / SECTION NUMBER	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	159.71 159.79	159.95 160.00	160.41 160.69	160.85 161.03	161.21 161.38	161.72 162.07	162.36 162.54	162.80 162.71	162.72 162.80	163.00 163.08	163.26 163.44	163.62 163.80	163.98 164.17	164.54 164.94	165.08 165.25	165.64 166.21
COTA TEREN (CT) / GROUND LEVEL (GL)	159.42 159.50	159.47 159.52	157.99 157.74	158.17 159.38	158.71 159.26	159.32 159.32	159.32 159.79	160.09 160.61	160.83 160.97	161.06 161.42	161.29 161.25	160.93 160.88	160.88 161.61	163.24 163.74	164.31 163.78	165.23 165.09
NSS EXISTENTĂ / EXISTING TOR	159.69 159.71	159.65 159.80	160.17 160.53	160.83 159.90	161.24 158.71	161.71 159.32	162.15 162.43	162.77 162.98	162.96 163.26	163.46 163.89	163.42 163.31	163.44 163.61	163.83 163.80	163.89 163.93	164.16 163.88	164.31 165.64
KILOMETRAJ / KILOMETERS	319100.00	319200.00	319300.00	319400.00	319500.00	319600.00	319700.00	319800.00	319900.00	320000.00	320100.00	320200.00	320300.00	320400.00	320500.00	320600.00
	320700.00	320800.00	320900.00	321000.00	321100.00	321200.00	321300.00	321400.00	321500.00	321600.00	321700.00	321800.00	321900.00	322000.00	322100.00	322200.00
	322300.00															
POZITII KILOMETRICE / CHAINAGE	320	321	322													
TRASEU IN PLAN / HORIZONTAL ALIGNMENT	R=3000.00 L= 91.93	L= 323.93	R=-3000.00 L= 104.49	L= 480.51	TL= 60.00	TL= 60.00 R=2000.00 L= 105.20	L= 817.21	R=8000.00 L= 55.83								

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 30 din 97 / 30 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 Ciochiuţa Hm. - Tâmna St. - km 319+317 - km 323+725 - 1 din 2
Interval Ciochiuţa Hm. - Tâmna St. - km 319+317 - km 323+725 - 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	20	K5	AL	0 05	030	B