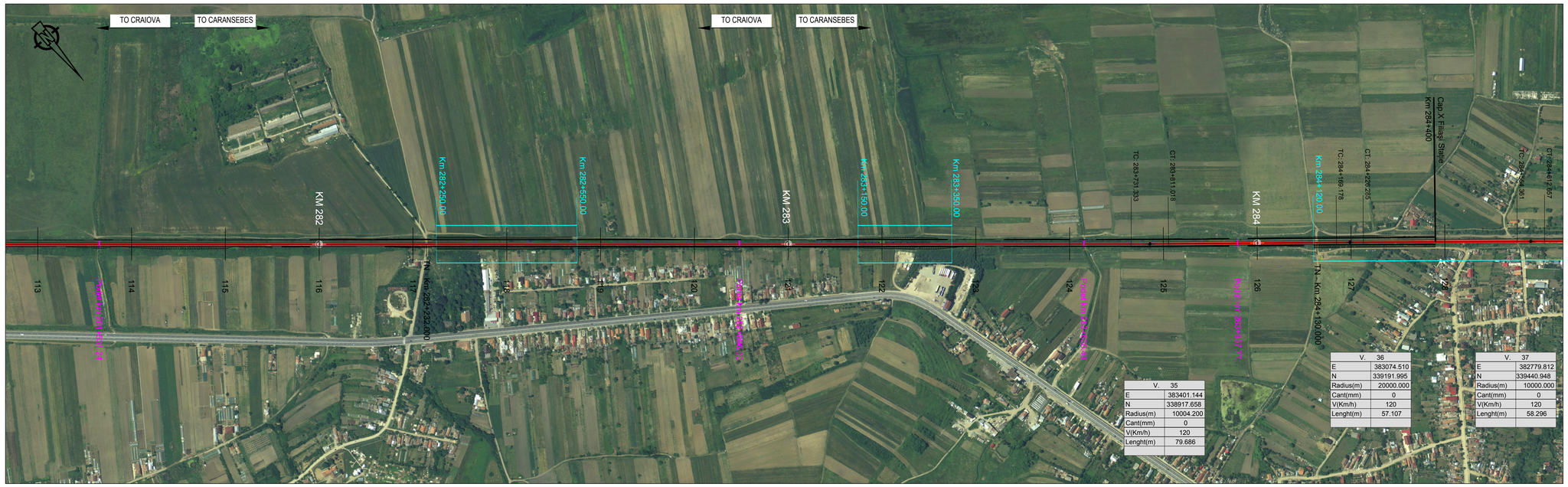
NOTE:

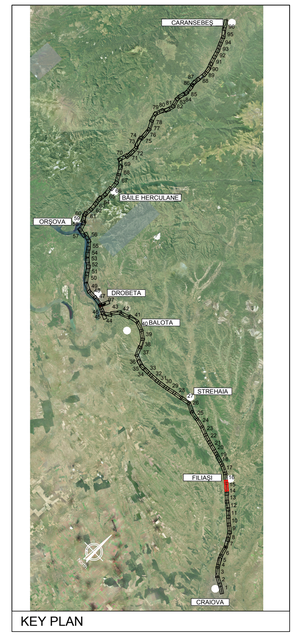
1. Poziţiile kilometrice prezentate (km) se referă la poziţiile proiectate pe firul I. / The reported kilometric positions (km) refer to designed positions on track I.
2. În profilul longitudinal, podeţele şi lucrările de consolidare nu sunt reprezentate. / In the longitudinal profile, culverts and consolidation 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.	35
E	383401.144
N	338917.658
Radius(m)	10004.200
Cant(mm)	0
V(Km/h)	120
Lenght(m)	79.686

V.	36
E	383074.510
N	339191.995
Radius(m)	20000.000
Cant(mm)	0
V(Km/h)	120
Lenght(m)	57.107

V.	37
E	382779.812
N	339440.948
Radius(m)	10000.000
Cant(mm)	0
V(Km/h)	120
Lenght(m)	58.296



KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT				
L =	1338.613	479.499	618.248	1157.423
VHD =	7.358	-0.434	-3.734	-0.330
Grade =	0.550	-0.090	-0.604	-0.028
PROFIL KILOMETRICE / VERTICAL CHAINAGE		282500.993	282980.492	283598.740

	282500.993	282980.492	283598.740
VC =	282500.993	282980.492	283598.740
VH =	112.614	112.180	108.447
SD =	-0.640	-0.513	0.575
R =	45000.000	38000.000	-20000.000
T =	144.028	97.553	57.541
E =	-0.230	-0.125	0.083

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 90.00 m

N. SECTIUNE / SECTION NUMBER	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	106.56	107.11	107.66	108.21	108.76	109.31	109.86	110.41	110.97	111.51	112.04	112.58	112.90	112.90	112.90	112.90
COTA TEREN (CT) / GROUND LEVEL (GL)	106.00	106.47	107.09	107.71	108.31	109.02	109.67	110.17	110.70	111.32	111.77	112.10	112.39	112.33	112.16	111.84
NSS EXISTENTĂ / EXISTING TOR	106.27	106.79	107.35	107.98	108.62	109.25	109.74	109.29	110.90	111.52	112.05	112.36	112.42	112.47	112.39	112.33
KILOMETRAJ / KILOMETERS	281400.00	281500.00	281600.00	281700.00	281800.00	281900.00	282000.00	282100.00	282200.00	282300.00	282400.00	282500.00	282600.00	282700.00	282800.00	282900.00
POZITII KILOMETRICE / CHAINAGE	282															
TRASEU IN PLAN / HORIZONTAL ALIGNMENT	L= 2757.14															

N. SECTIUNE / SECTION NUMBER	118	119	120	121	122	123	124	125	126	127	128
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	112.90	112.90	112.90	112.90	112.90	112.90	112.90	112.90	112.90	112.90	112.90
COTA TEREN (CT) / GROUND LEVEL (GL)	111.88	111.46	111.24	111.63	111.13	110.57	110.25	109.85	109.62	109.26	109.04
NSS EXISTENTĂ / EXISTING TOR	112.16	111.84	111.63	111.24	110.57	110.85	110.35	109.85	109.62	109.26	109.04
KILOMETRAJ / KILOMETERS	283000.00	283100.00	283200.00	283300.00	283400.00	283500.00	283600.00	283700.00	283800.00	283900.00	284000.00
POZITII KILOMETRICE / CHAINAGE	283							284			
TRASEU IN PLAN / HORIZONTAL ALIGNMENT							R= 10004.20 L= 79.69	L= 358.16		R=20000.00 L= 57.11	L= 328.08

N. SECTIUNE / SECTION NUMBER	128	128
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	112.90	112.90
COTA TEREN (CT) / GROUND LEVEL (GL)	108.22	108.05
NSS EXISTENTĂ / EXISTING TOR	108.22	108.05
KILOMETRAJ / KILOMETERS	284400.00	284500.00
POZITII KILOMETRICE / CHAINAGE		
TRASEU IN PLAN / HORIZONTAL ALIGNMENT		R=10000.00 L= 58.30

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 15 din 97 / 15 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 Răcari Hm. - Filiaşi St. - km 280+300 - km 284+400 - 2 din 2
Interval Răcari Hm. - Filiaşi St. - km 280+300 - km 284+400 - 2 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	10	K5	AL	0	05	015	B