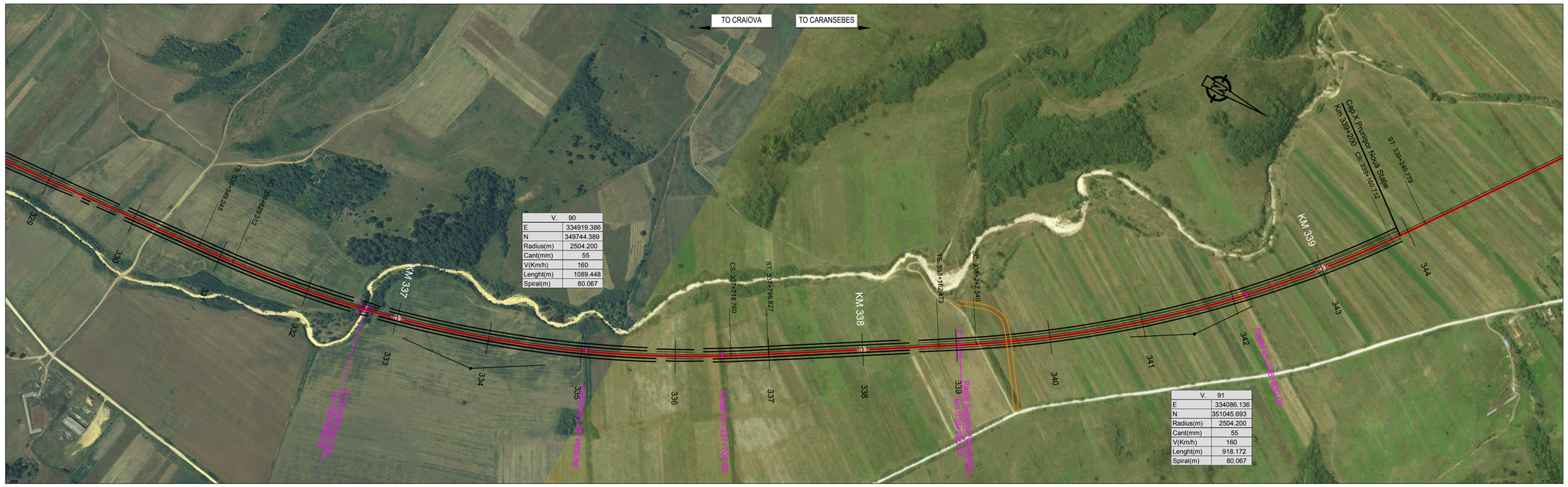
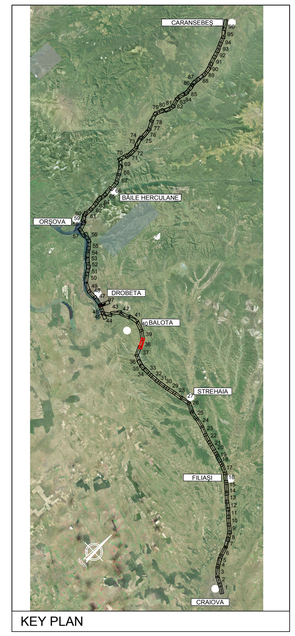
NOTE:

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 .



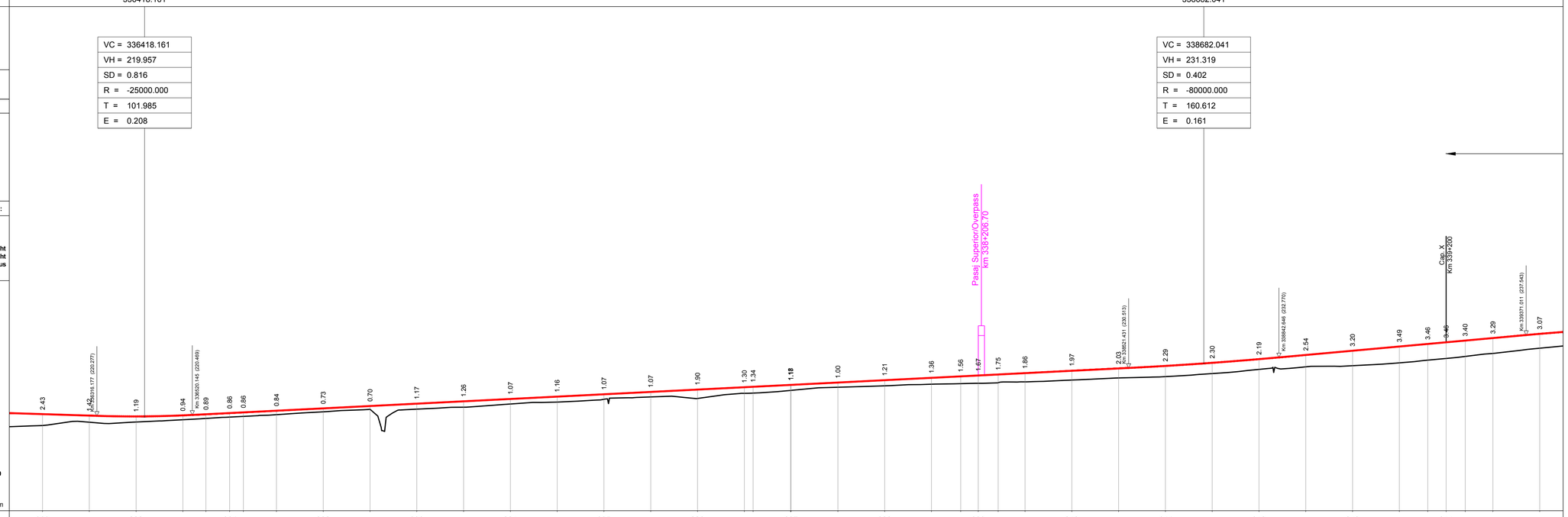


KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT		
L =	2263.880	892.944
VHD =	11.361	8.067
Grade =	0.502	0.903
PROFIL KILOMETRICE / VERTICAL CHAINAGE	336418.161	338682.041

VC =	336418.161
VH =	219.957
SD =	0.816
R =	-25000.000
T =	101.985
E =	0.208

VC =	338682.041
VH =	231.319
SD =	0.402
R =	-80000.000
T =	160.612
E =	0.161



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 200.00 m

N. SECTIUNE / SECTION NUMBER	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	220.64	220.33	220.15	220.38	220.62	220.87	221.37	221.87	222.38	222.88	223.38	223.88	224.38	224.88	225.39	225.89
COTA TEREN (CT) / GROUND LEVEL (GL)	218.21	218.91	218.96	219.44	219.73	220.01	220.16	220.53	221.14	221.68	221.71	222.12	222.81	223.22	223.81	224.32
NSS EXISTENTĂ / EXISTING TOR																
KILOMETRAJ / KILOMETERS	336200.00	336300.00	336400.00	336500.00	336600.00	336700.00	336800.00	336900.00	337000.00	337100.00	337200.00	337300.00	337400.00	337500.00	337600.00	337700.00
POZITII KILOMETRICE / CHAINAGE									337							
TRASEU IN PLAN / HORIZONTAL ALIGNMENT	815.40		TL= 80.07							R= 2504.20 L= 1089.45						

N. SECTIUNE / SECTION NUMBER	336	337	338	339	340	341	342	343	344
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	226.39	226.89	227.39	227.90	228.40	228.90	229.40	229.91	230.41
COTA TEREN (CT) / GROUND LEVEL (GL)	225.09	225.72	226.39	226.69	227.04	227.15	227.23	227.36	227.54
NSS EXISTENTĂ / EXISTING TOR									
KILOMETRAJ / KILOMETERS	337800.00	337900.00	338000.00	338100.00	338200.00	338300.00	338400.00	338500.00	338600.00
POZITII KILOMETRICE / CHAINAGE			338						339
TRASEU IN PLAN / HORIZONTAL ALIGNMENT		TL= 80.07	L= 363.65	TL= 80.07		R= 2504.20 L= 918.17			TL= 80.07

N. SECTIUNE / SECTION NUMBER	339	340	341	342	343	344
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	230.91	231.61	232.40	233.23	234.19	235.09
COTA TEREN (CT) / GROUND LEVEL (GL)	227.90	228.38	228.66	229.31	230.21	230.75
NSS EXISTENTĂ / EXISTING TOR						
KILOMETRAJ / KILOMETERS	338700.00	338800.00	338900.00	339000.00	339100.00	339200.00
POZITII KILOMETRICE / CHAINAGE						
TRASEU IN PLAN / HORIZONTAL ALIGNMENT						

N. SECTIUNE / SECTION NUMBER	339	340	341	342	343	344
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	235.64	236.00	236.37	236.90	237.80	
COTA TEREN (CT) / GROUND LEVEL (GL)	232.19	232.54	232.97	233.61	234.73	
NSS EXISTENTĂ / EXISTING TOR						
KILOMETRAJ / KILOMETERS	339300.00	339400.00				
POZITII KILOMETRICE / CHAINAGE						
TRASEU IN PLAN / HORIZONTAL ALIGNMENT						

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 acces / 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 38 din 97 / 38 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 Igiroasa - Prunişor Nouă St. - km 331+000 - km 339+200 - 3 din 3 (Variantă 3)
Interval Igiroasa - Prunişor Nouă St. - km 331+000 - km 339+200 - 3 of 3 (Variant 3)

CODIFICARE / CODIFICATION SYSTEM:

NUMAR PROIECT	NUMAR SECTIUNE	FAZA DE PROIECTARE	STATIE / INTERVAL	TIP DOCUMENT	SPECIALITATEA	NUMAR OBIECT	NUMEROTARE PROGRESIVA	REVIZIE
E218	I	SF	24	K5	AL	0	05	038	B