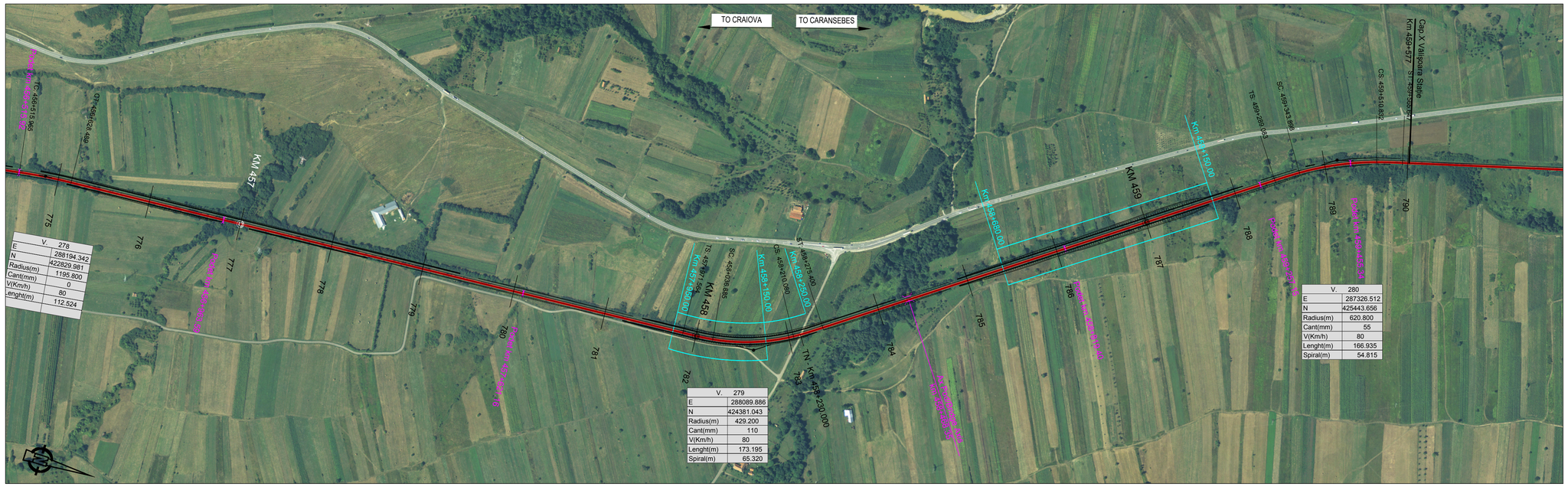
NOTE:

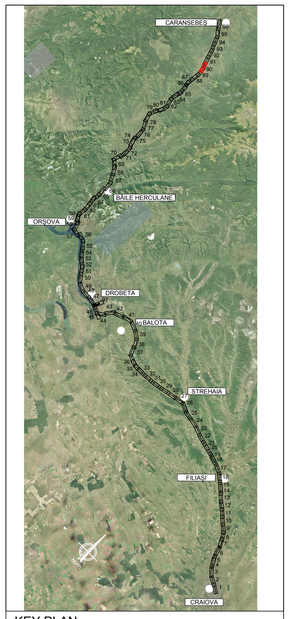
1. Pozițiile kilometrice prezentate (km) se referă la poziția proiectate pe firul I. / The reported kilometric positions (km) refer to designed positions on track I.
2. În profilul longitudinal, podețele și lucrările de consolidare nu sunt reprezentate. / In the longitudinal profile, culverts and consolidation 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.	278
E	288194.342
N	422829.981
Radius(m)	1195.800
Cant(mm)	0
V(Km/h)	80
Lenght(m)	112.524

V.	279
E	288089.886
N	424381.043
Radius(m)	429.200
Cant(mm)	110
V(Km/h)	80
Lenght(m)	173.195
Spiral(m)	65.320

V.	280
E	287326.512
N	425443.656
Radius(m)	620.800
Cant(mm)	55
V(Km/h)	80
Lenght(m)	166.935
Spiral(m)	54.815



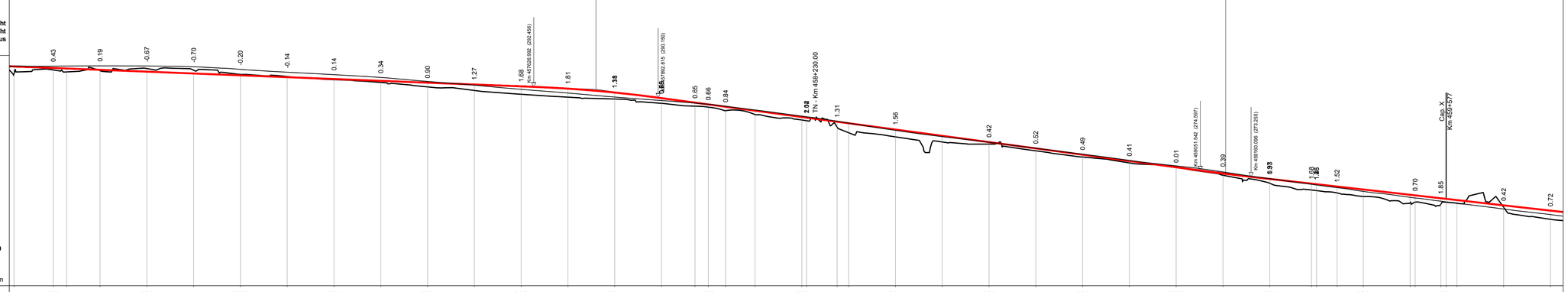
KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT

L =	1413.873	1345.909	1122.467
VHD =	-5.554	-18.066	-12.677
Grade =	-0.393	-1.342	-1.129

PROFIL KILOMETRICE / VERTICAL CHAINAGE

VC	VH	SD	R	T	E
457759.909	291.934	-0.949	28000.000	132.918	-0.315
459105.818	273.868	0.213	-51000.000	54.281	0.029



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

Plan de Referință 250.00 m

N. SECTIUNE / SECTION NUMBER	NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	COTA TEREN (CT) / GROUND LEVEL (GL)	NSS EXISTENTĂ / EXISTING TOR	KILOMETRAJ / KILOMETERS
775	296.82	296.20	296.88	456600.00
	296.49	296.06	296.68	
	296.38	295.65	296.54	456700.00
776	296.10	295.91	296.94	
	295.70	296.37	296.90	456800.00
	295.31	296.01	296.71	456900.00
777	294.92	296.12	296.13	457000.00
	294.53	294.67	295.55	457100.00
778	294.13	293.99	295.01	457200.00
	293.74	293.40	294.42	457300.00
779	293.35	292.45	293.56	457400.00
	292.96	291.69	292.74	457500.00
780	292.56	290.88	291.86	457600.00
	292.07	290.20	291.07	457700.00
781	291.24	289.86	290.22	457800.00
	290.05	289.48	289.48	457900.00
782	289.09	288.94	288.34	458000.00
	288.71	288.12	287.37	
	288.22	287.37	286.53	458100.00
783	287.37	286.53	285.72	458200.00
	286.03	285.72	285.11	
	285.89	285.36	284.59	458300.00
784	285.51	283.87	282.66	
	284.68	283.34	281.76	458400.00
	283.34	283.05	281.72	
785	282.00	280.69	280.53	458500.00
	280.86	280.24	279.26	458600.00
786	279.32	278.80	277.97	458700.00
	277.97	277.49	276.64	458800.00
787	276.63	276.22	275.50	458900.00
	275.29	275.28	274.19	459000.00
788	273.97	273.58	272.74	459100.00
	272.80	271.87	271.40	459200.00
789	271.80	270.43	270.13	459300.00
	271.18	269.82	269.32	
	270.55	269.03	268.76	459400.00
790	269.42	268.74	267.84	459500.00
	268.67	267.41	267.53	459600.00
	268.29	266.27	266.74	459700.00
	267.16	265.09	264.18	459800.00
	266.03			

POZIȚII KILOMETRICE / CHAINAGE: 457 — 458 — 459

TRASEU IN PLAN / HORIZONTAL ALIGNMENT: R=1195.80 L= 112.52 — L= 1343.08 — TL= 65.32 — R=429.20 L= 173.20 — TL= 65.32 — L= 1013.68 — TL= 54.81 — R=620.80 L= 166.93 — TL= 54.81 — L= 374.22

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

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 90 din 97 / 90 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 Slatina Timiş St. - Vălişoara Hm. - km 455+134 - km 459+577 - 2 din 2
Interval Slatina Timiş St. - Vălişoara Hm. - km 455+134 - km 459+577 - 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	61	K5	AL	0 05	090	B