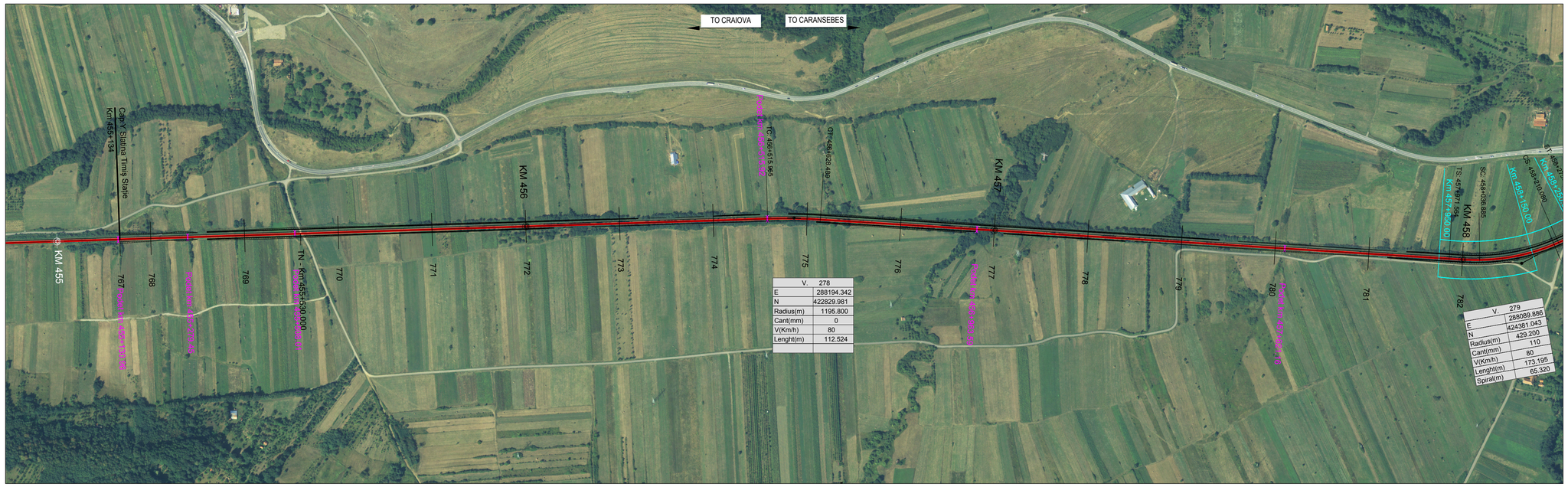
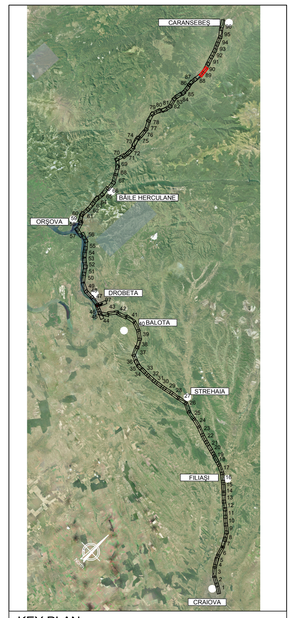
NOTE:

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.	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



KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT

L =	1185.491	643.115	1413.873
VHD =	-3.895	-7.574	-5.554
Grade =	-0.329	-1.178	-0.393

PROFIL KILOMETRICE / VERTICAL CHAINAGE: 455702.921 | 456346.036 | 457759.909

	VC = 455702.921	VC = 456346.036	VC = 457759.909
	VH = 305.062	VH = 297.488	VH = 291.934
	SD = -0.849	SD = 0.785	SD = -0.949
	R = 24000.000	R = -28000.000	R = 28000.000
	T = 101.890	T = 109.872	T = 132.918
	E = -0.216	E = 0.216	E = -0.315

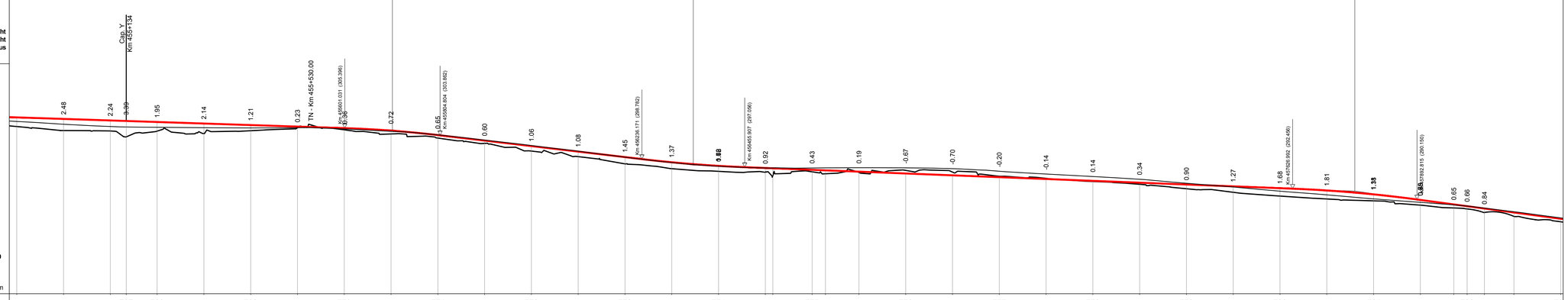
Abbreviations and Acronyms

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 270.00 m

N. SECTIUNE / SECTION NUMBER	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	78
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	307.70	307.37	307.04	306.93	306.71	306.39	305.73	305.40	304.87	304.69	303.92	303.27	302.74	302.14	301.56	301.50	301.58
COTA TEREN (CT) / GROUND LEVEL (GL)	305.75	304.89	304.80	303.54	304.79	305.25	305.50	305.04	304.15	304.69	303.27	303.89	302.79	302.14	300.50	300.38	299.31
NSS EXISTENTĂ / EXISTING TOR	305.79	306.19	305.72	305.58	305.49	305.45	305.50	305.19	305.04	304.69	304.12	303.89	303.27	302.74	301.58	300.38	299.10
KILOMETRAJ / KILOMETERS	454900.00	455000.00	455100.00	455200.00	455300.00	455400.00	455500.00	455600.00	455700.00	455800.00	455900.00	456000.00	456100.00	456200.00	456300.00	456400.00	456500.00
POZITII KILOMETRICE / CHAINAGE	455					456						457					
TRASEU IN PLAN / HORIZONTAL ALIGNMENT			L= 1878.99							R=1195.80 L= 112.52					L= 1343.08		

N. SECTIUNE / SECTION NUMBER	775	776	777	778	779	780	781	782	78
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	296.88	296.49	296.10	295.70	295.31	294.92	294.53	294.13	293.74
COTA TEREN (CT) / GROUND LEVEL (GL)	296.06	296.38	295.91	295.37	295.01	294.67	294.57	293.99	293.40
NSS EXISTENTĂ / EXISTING TOR	296.88	296.49	296.04	295.70	295.31	295.12	294.92	294.13	293.74
KILOMETRAJ / KILOMETERS	456600.00	456700.00	456800.00	456900.00	457000.00	457100.00	457200.00	457300.00	457400.00
POZITII KILOMETRICE / CHAINAGE					457				
TRASEU IN PLAN / HORIZONTAL ALIGNMENT									

N. SECTIUNE / SECTION NUMBER	780	781	782	78
NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	292.56	291.24	289.09	288.03
COTA TEREN (CT) / GROUND LEVEL (GL)	292.07	290.86	288.34	286.53
NSS EXISTENTĂ / EXISTING TOR	292.56	291.24	289.09	288.12
KILOMETRAJ / KILOMETERS	457600.00	457800.00	458000.00	458200.00
POZITII KILOMETRICE / CHAINAGE			458	
TRASEU IN PLAN / HORIZONTAL ALIGNMENT			TL= 65.32	R=-429.20 L= 173.20

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 89 din 97 / 89 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 - 1 din 2
Interval Slatina Timiş St. - Vălişoara Hm. - km 455+134 - km 459+577 - 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	61	K5	AL	0	05	089	B