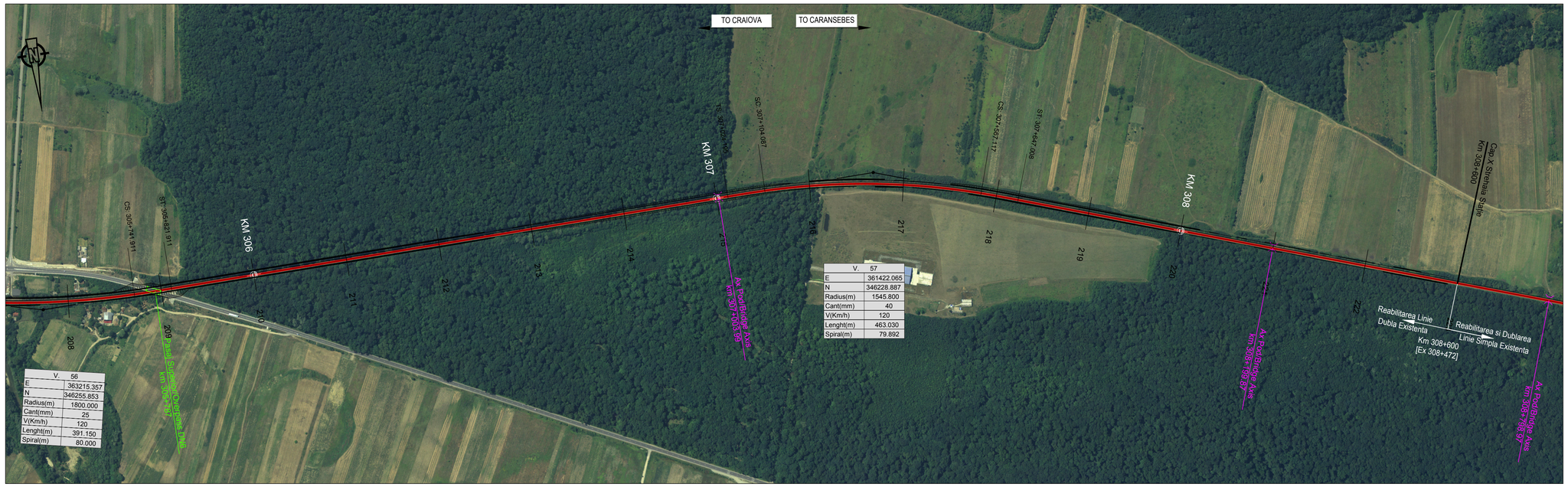
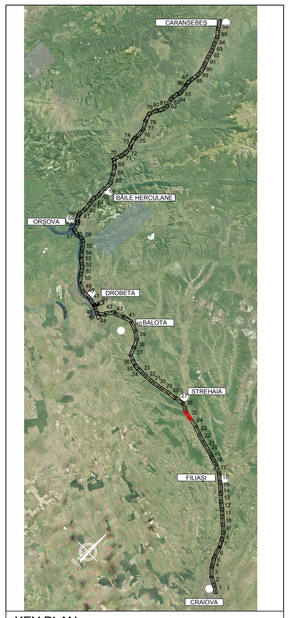
NOTE:

1. Pozițiile kilometrice prezentate (km) se referă la poziție 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.	56
E	363215.357
N	346255.853
Radius(m)	1800.000
Cant(mm)	25
V(Km/h)	120
Lenght(m)	391.150
Spiral(m)	80.000

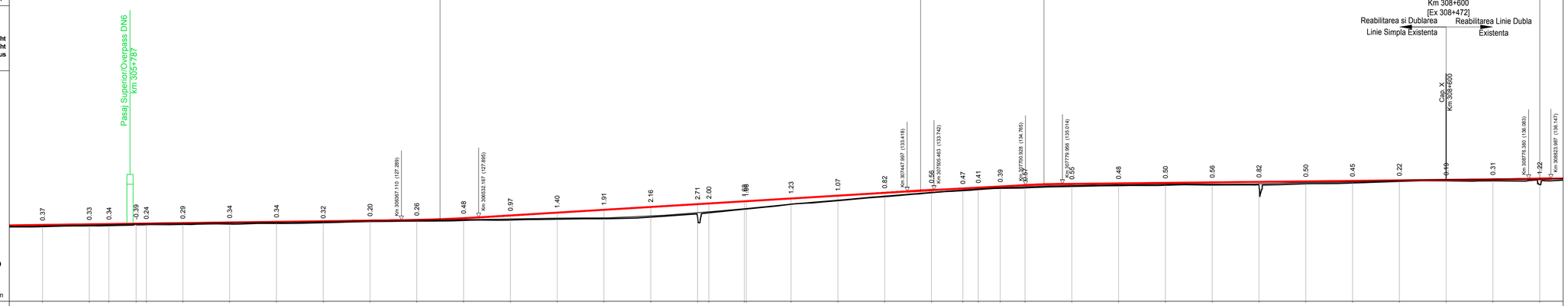
V.	57
E	361422.065
N	346228.887
Radius(m)	1545.800
Cant(mm)	40
V(Km/h)	120
Lenght(m)	463.030
Spiral(m)	79.892



KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT					
L =	1846.090	1027.091	263.712	1059.742	
VHD =	2.427	6.194	1.380	1.137	
Grade =	0.131	0.603	0.523	0.107	
PROFIL KILOMETRICE / VERTICAL CHAINAGE		306449.639	307476.730	307740.442	308800.183

	VC = 306449.639	VC = 307476.730	VC = 307740.442	VC = 308800.183
	VH = 127.398	VH = 133.592	VH = 134.971	VH = 136.108
	SD = 0.472	SD = -0.080	SD = -0.416	SD = 0.056
	R = -35000.000	R = 72000.000	R = 19000.000	R = -85000.000
	T = 82.529	T = 28.734	T = 39.514	T = 23.803
	E = 0.097	E = -0.006	E = -0.041	E = 0.003



N. SECTIUNE / SECTION NUMBER	NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	COTA TEREN (CT) / GROUND LEVEL (GL)	NSS EXISTENTĂ / EXISTING TOR	KILOMETRAJ / KILOMETERS
208	126.28	126.11	125.91	305600.00
	126.41	126.21	126.08	305700.00
	126.47	126.13	126.13	305800.00
209	126.54	126.93	126.51	305900.00
	126.57	126.33	126.39	306000.00
	126.68	126.39	126.51	306100.00
210	126.81	126.47	126.55	306200.00
	126.94	126.60	126.57	306300.00
211	127.07	126.75	126.72	306400.00
	127.20	127.00	126.99	306500.00
212	127.35	127.09	127.17	306600.00
	127.72	127.24	127.39	306700.00
213	128.30	127.33	127.53	306800.00
	128.91	127.51	127.57	306900.00
214	129.51	127.60	127.61	307000.00
215	130.11	127.95	128.05	307100.00
	130.72	128.01	128.85	307200.00
	130.86	128.86	129.68	307300.00
216	131.32	129.64	130.70	307400.00
	131.82	130.69	131.56	307500.00
217	132.53	131.46	132.38	307600.00
	133.13	132.31	133.17	307700.00
218	133.71	133.15	133.71	307800.00
	134.06	133.59	134.29	307900.00
	134.24	133.83	134.49	308000.00
	134.48	133.80	134.68	308100.00
	134.76	134.09	134.80	308200.00
219	135.04	134.19	134.89	308300.00
	135.14	134.29	134.80	308400.00
220	135.25	134.49	134.75	308500.00
	135.36	134.68	134.80	308600.00
221	135.46	134.64	134.89	308700.00
	135.57	135.06	135.30	308800.00
222	135.68	135.07	135.23	308900.00
223	135.79	135.15	135.54	309000.00
	135.89	135.57	135.64	309100.00
	136.00	135.70	135.69	309200.00
	136.11	135.89	135.77	309300.00
		136.00	135.94	309400.00
		136.11	134.89	309500.00

POZITII KILOMETRICE / CHAINAGE: 306 — 307 — 308

TRASEU IN PLAN / HORIZONTAL ALIGNMENT: R=1800.00 L=391.15 | TL= 80.00 | L= 1202.28 | TL= 79.89 | R=1545.80 L= 463.03 | TL= 79.89 | L= 1338.10

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 Referință 110.00 m

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 25 din 97 / 25 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 - CARANSEBEȘ /
FEASIBILITY STUDY FOR THE REHABILITATION OF THE
RAILWAY LINE CRAIOVA - CARANSEBES

DENUMIRE / TITLE:
Interval Butoieşti Hm. - Strehaia St. - km 300+100 - km 308+600 - 3 din 3
Interval Butoieşti Hm. - Strehaia St. - km 300+100 - km 308+600 - 3 of 3

CODIFICARE / CODIFICATION SYSTEM:

NUMAR PROIECT	NUMAR SECTIUNE	FAZA DE PROIECTARE	STATIE / INTERVAL	TIP DOCUMENT	SPECIALITATEA	NUMAR OBIECT	NUMEROTARE PROGRESIVA	REVIZIE
E218	I	SF	16	K5	AL	0 05	025	B