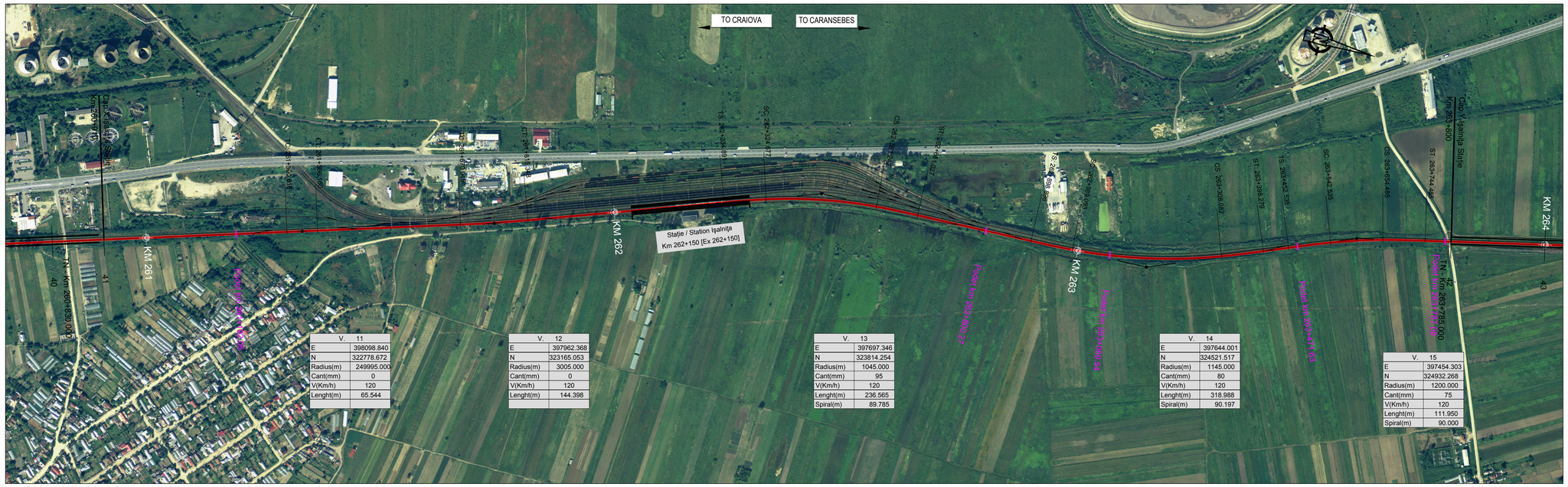
NOTE:

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 .



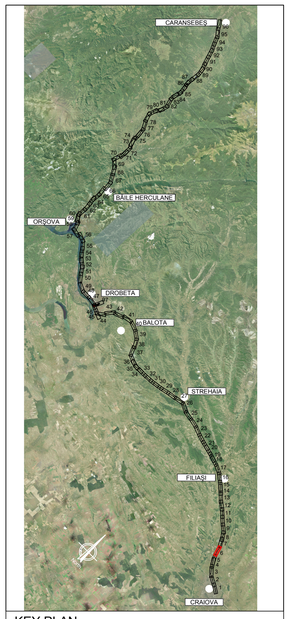
V.	11
E	398098.840
N	322778.672
Radius(m)	249995.000
Cant(mm)	0
V(Km/h)	120
Lenght(m)	65.544

V.	12
E	397962.368
N	323165.053
Radius(m)	3005.000
Cant(mm)	0
V(Km/h)	120
Lenght(m)	144.398

V.	13
E	397697.346
N	323814.254
Radius(m)	1045.000
Cant(mm)	95
V(Km/h)	120
Lenght(m)	236.565
Spiral(m)	89.785

V.	14
E	397644.001
N	324521.517
Radius(m)	1145.000
Cant(mm)	80
V(Km/h)	120
Lenght(m)	318.988
Spiral(m)	90.197

V.	15
E	397454.303
N	324932.268
Radius(m)	1200.000
Cant(mm)	75
V(Km/h)	120
Lenght(m)	111.950
Spiral(m)	90.000



KEY PLAN

PROFIL LONGITUDINAL / VERTICAL ALIGNMENT			
L =	2026.877	799.132	3379.420
VHD =	-3.720	0.268	20.279
Grade =	-0.184	0.034	0.600
PROFIL KILOMETRICE / VERTICAL CHAINAGE	261966.522	262765.654	

VC =	261966.522
VH =	88.049
SD =	0.217
R =	-58000.000
T =	62.965
E =	0.034

VC =	262765.654
VH =	88.318
SD =	0.566
R =	-22000.000
T =	62.310
E =	0.088

Staţie / Station Işalniţa
Km 262+150 [Ex 262+150]

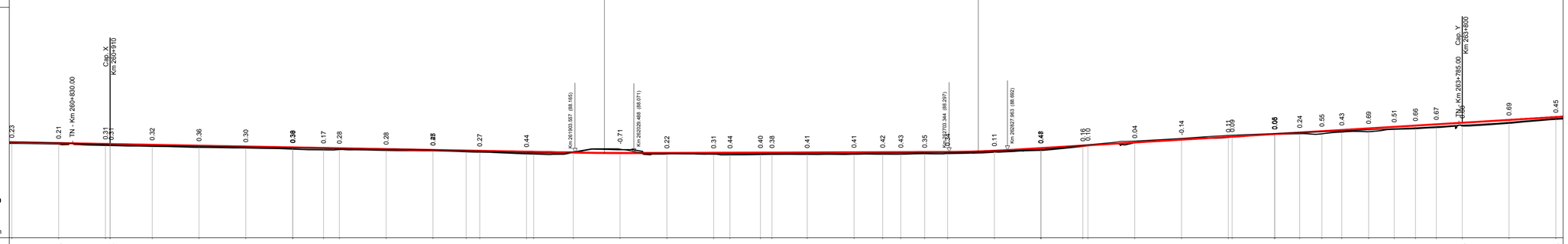
Abbreviations and Acronyms

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 70.00 m

N. SECTIUNE / SECTION NUMBER	40	41	42	43

KILOMETRAJ / KILOMETERS	NIVEL SUPERIOR SINA (NSS) / TOP OF RAIL (TOR)	COTA TEREN (CT) / GROUND LEVEL (GL)	NSS EXISTENTĂ / EXISTING TOR
260700.00	90.37	90.14	90.51
260800.00	90.19	89.98	90.32
260900.00	90.01 / 89.99	89.70 / 89.68	90.01
261000.00	89.82	89.50	89.79
261100.00	89.64	89.28	89.54
261200.00	89.46	89.16	89.34
261300.00	**89.27**	**88.91**	89.17
261400.00	89.15	88.76	88.97
261500.00	89.09	88.81	88.86
261600.00	88.91	88.63	88.67
261700.00	88.72	88.55	88.55
261800.00	88.59	88.34	88.31
261900.00	88.54	88.27	88.18
262000.00	88.35 / 88.33	87.91 / 87.88	87.91 / 87.86
262100.00	88.17	88.17	88.18
262200.00	88.07	88.78	88.98
262300.00	88.09	87.87	87.97
262400.00	88.13	87.82	88.08
262500.00	88.14	87.70	87.82
262600.00	88.16	87.76	88.21
262700.00	88.17	87.79	88.19
262800.00	88.20	87.79	85.19
262900.00	88.23	87.82	88.07
263000.00	88.25	87.83	87.83
263100.00	88.26	87.83	88.04
263200.00	88.28	87.93	87.93
263300.00	88.30	87.96	88.22
263400.00	88.54	88.43	88.57
263500.00	**89.12**	**88.56**	88.90
263600.00	88.66 / 88.62	88.50 / 88.62	89.64
263700.00	90.32	90.28	90.40
263800.00	90.92	91.06	91.04
263900.00	91.52 / 91.57	91.14 / 91.48	91.62
264000.00	**92.12**	**92.06**	92.29
	92.44	92.20	92.82
	92.72	92.17	92.55
	92.98	92.63	93.30
	93.32	93.14	93.63
	93.65	93.26	93.93
	93.92	93.52	94.05
	94.19	94.05	93.84
	94.52	93.84	94.77
	95.12	94.43	95.52
	95.72	95.27	95.52

POZITII KILOMETRICE / CHAINAGE: 261 | 262 | 263 | 264

TRASEU IN PLAN / HORIZONTAL ALIGNMENT: R=249995.00 L= 65.54 | L= 304.79 | R=-3005.00 L= 144.40 | L= 419.54 | TL= 89.79 | R=1045.00 L= 236.57 | TL= 89.79 | L= 247.87 | TL= 90.20 | R=-1145.00 L= 318.99 | TL= 90.20 | L= 54.26 | TL= 90.00 | R=1200.00 L= 111.95 | TL= 90.00 | L= 462.89

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
- TN - Km x+x — Treceri La Nivel / Level crossing

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 6 din 97 / 6 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:
Işalniţa St. - km 260+910 - km 263+800 - 1 din 1
Işalniţa St. - km 260+910 - km 263+800 - 1 of 1

CODIFICARE / CODIFICATION SYSTEM:

NUMAR PROIECT	NUMAR SECTIUNE	FAZA DE PROIECTARE	STATIE / INTERVAL	TIP DOCUMENT	SPECIALITATEA	NUMAR OBIECT	NUMEROTARE PROGRESIVA	REVIZIE
E218	S	SF	05	K5	AL	0 05	006	B