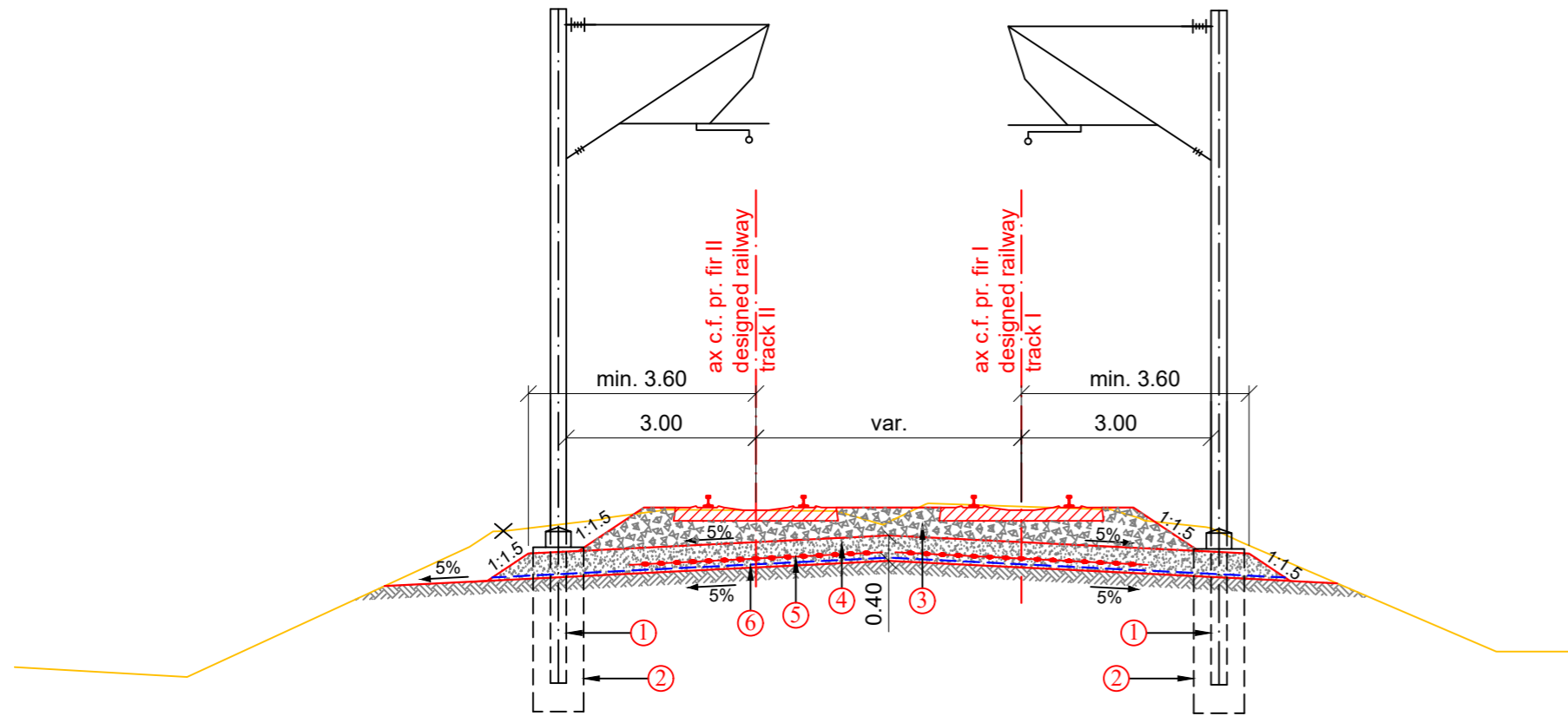


PROFIL TRANSVERSAL TIP CALE DUBLA, ZONELE CU MIC RAMBLEU
 CROSS PROFILE FOR DOUBLE TRACK, AREAS WITH SMALL EMBANKMENT
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

CRAIOVA - CERNELE
km 250+660.00 - km 251+050.00
km 251+250.00 - km 251+550.00
CERNELE - ISALNITA
km 257+450.00 - km 257+920.00
km 258+035.00 - km 259+650.00
ISALNITA - COTOFENI
km 264+250.00 - km 264+450.00
km 264+550.00 - km 264+650.00
km 264+750.00 - km 264+850.00
km 265+050.00 - km 265+150.00
km 265+750.00 - km 265+850.00
km 266+150.00 - km 266+250.00
km 266+550.00 - km 267+250.00

COTOFENI - RACARI
km 276+450.00 - km 277+150.00
km 277+250.00 - km 277+750.00
km 277+850.00 - km 278+750.00
RACARI - FILIASI
km 279+980.00 - km 280+150.00
km 281+250.00 - km 281+550.00
km 281+850.00 - km 282+150.00
km 282+750.00 - km 283+050.00
km 283+370.00 - km 283+950.00
FILIASI - GURA MOTRULUI
km 287+950.00 - km 288+250.00
km 288+950.00 - km 289+850.00
km 290+350.00 - km 290+674.00
km 291+150.00 - km 291+550.00

GURA MOTRULUI - BUTOIESTI
km 293+050.00 - km 294+410.00
km 297+950.00 - km 298+230.00

BUTOIESTI - STREHAIA
km 300+050.00 - km 301+150.00
km 302+650.00 - km 302+950.00
km 303+710.00 - km 304+065.00
km 304+160.00 - km 304+850.00
km 304+950.00 - km 305+350.00
km 305+840.00 - km 305+950.00
km 306+250.00 - km 306+350.00
km 306+450.00 - km 306+550.00
km 308+050.00 - km 308+150.00
km 308+450.00 - km 309+050.00

STREHAIA - CIOCHIUTA
km 314+250.00 - km 314+350.00

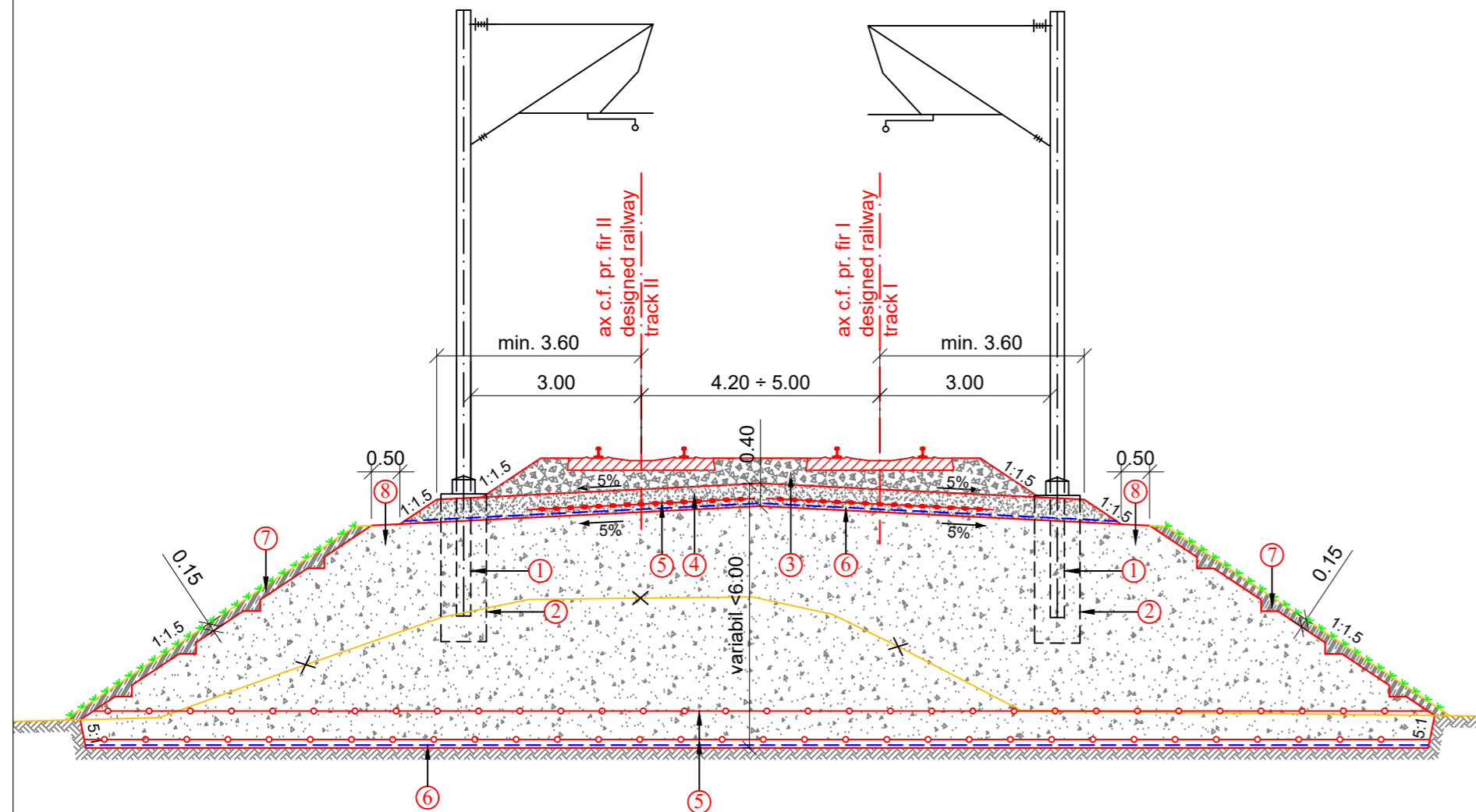
BALTA SARATA - CARANSEBES
km 473+050.00 - km 473+150.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogridurile biaxiale
Biaxial geogrids
- ⑥ Geotextilul separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.				
CONSULTANT / CONSULTANT				
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	
SUBCONSULTANT / SUBCONSULTANT				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.
Denumire / Title :				
PROFIL TRANSVERSAL TIP CALE DUBLA, ZONELE CU MIC RAMBLEU / CROSS PROFILE FOR DOUBLE TRACK, AREAS WITH SMALL EMBANKMENT				
Codificare / Codification System				
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 0 1 1				
<i>Istoricul reviziilor / Revision History</i>				
<i>Rev.</i>	<i>Data/Date</i>	<i>Descriere Modificare / Modification description</i>		
1	09.2020	Modificari conform adresa nr.11/2/504/2020		
2				
3				
4				
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.				

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
RIDICARE DE NIVELETA, RAMBLEU MIC / LEVEL RISE, SMALL FILLING
SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVAL

FILIASI - GURA MOTRULUI

km 286+520.00 - km 286+650.00
km 286+950.00 - km 287+250.00
km 287+750.00 - km 287+950.00

GURA MOTRULUI - BUTOIEȘTI

km 295+550.00 - km 296+350.00
km 296+450.00 - km 297+650.00

BUTOIEȘTI - STREHAIA

km 306+550.00 - km 307+150.00

STREHAIA - CIOCHIUTA

km 312+450.00 - km 314+050.00

IABLANITA - CRUSOVAT

km 421+400.00 - km 422+150.00

SLATINA TIMIS - VALISOARA

km 454+850.00 - km 455+350.00
km 457+550.00 - km 457+850.00
km 459+750.00 - km 459+950.00

VALISOARA - BALTA SARATA

km 461+850.00 - km 463+450.00
km 464+250.00 - km 464+950.00
km 465+550.00 - km 466+050.00
km 467+950.00 - km 468+050.00

BALTA SARATA - CARANSEBES

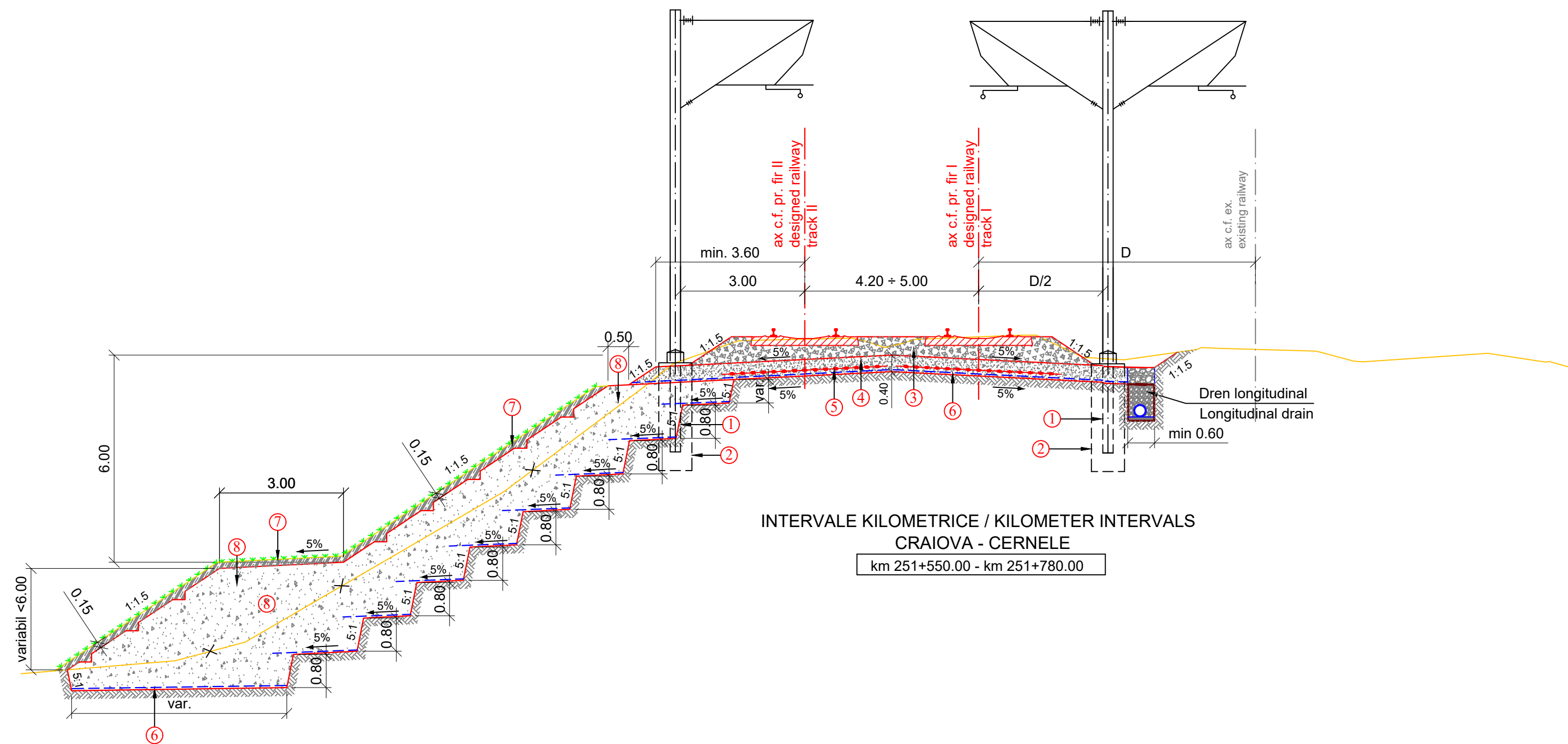
km 470+450.00 - km 470+956.00
km 472+050.00 - km 472+750.00
km 472+950.00 - km 473+050.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.				
CONSULTANT / CONSULTANT				
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	
SUBCONSULTANT / SUBCONSULTANT				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.
Denumire / Title : PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK RIDICARE DE NIVELETA, RAMBLEU MIC / LEVEL RISE, SMALL FILLING				
<i>Codificare / Codification System</i>				
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 0 2 1				
<i>Istoricul reviziilor / Revision History</i>				
Rev.	Data/Date	Descriere Modificare / Modification description		
1	09.2020	Modificari conform adresa nr.11/2/504/2020		
2				
3				
4				
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.				



PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU STANGA CU CONTRABANCHETA SI DREN LONGITUDINAL DREAPTA
 EXTENSION OF LEFT-SIDE FILLING WITH COUNTERBERM AND LONGITUDINAL DRAIN ON THE RIGHT-SIDE
 SCARA / SCALE 1:100




INTERVALE KILOMETRICE / KILOMETER INTERVALS
 CRAIOVA - CERNELE
 km 251+550.00 - km 251+780.00




LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole fundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

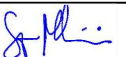

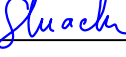





CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU STANGA CU CONTRABANCHETA SI DREN LONGITUDINAL DREAPTA
 EXTENSION OF LEFT-SIDE FILLING WITH COUNTERBERM AND LONGITUDINAL DRAIN ON THE RIGHT-SIDE

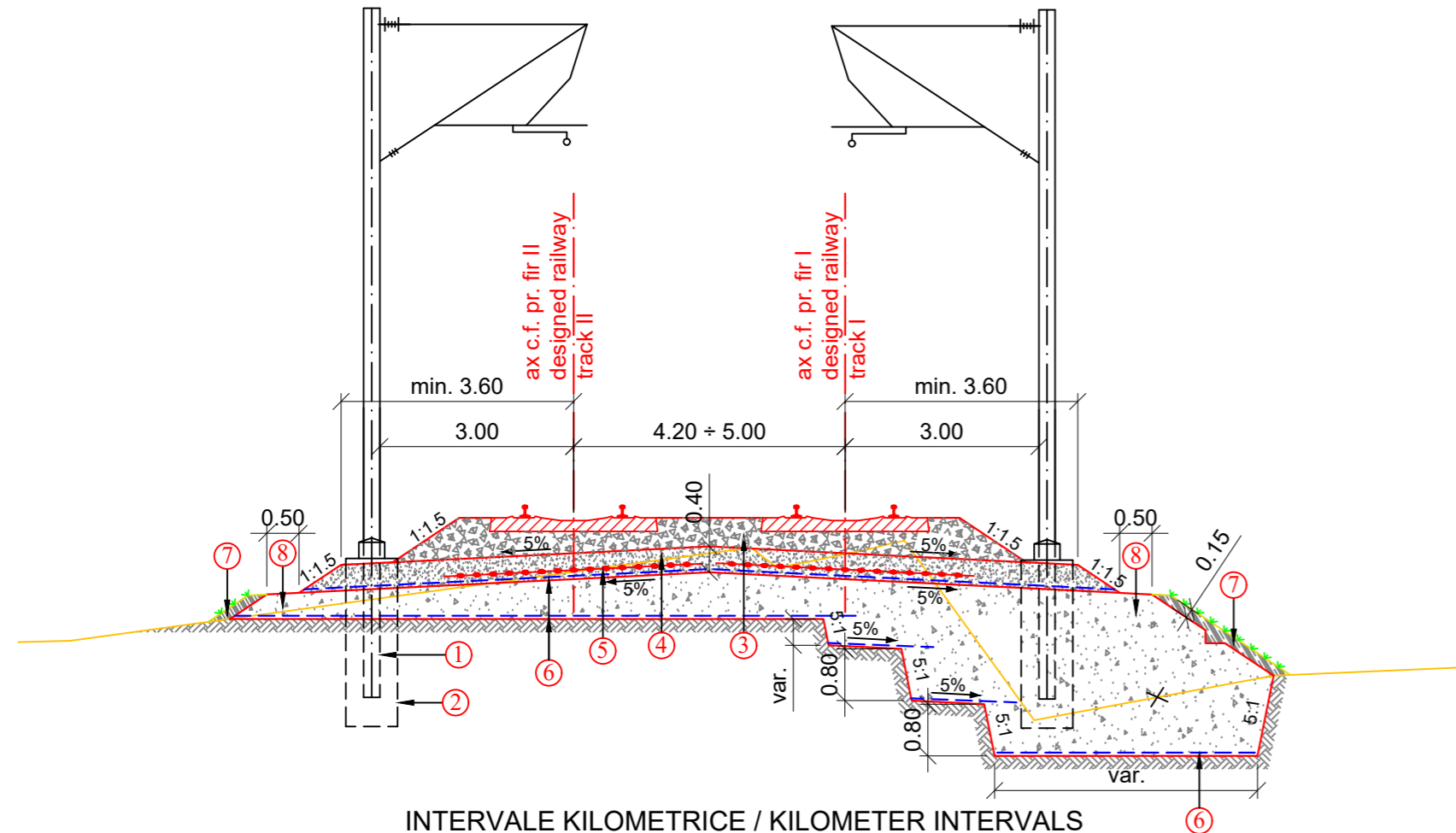
Codificare / Codification System
 E 2 1 8 0 S F 0 0 W A T R X 0 0 0 0 3 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU DREAPTA CU INALTIMEA MAXIMA DE 6.00M
 EXTENSION OF RIGHT-SIDE FILLING WITH MAXIMUM HEIGHT OF 6.00M
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

RACARI - FILIASI

km 281+550.00 - km 281+850.00

FILIASI - GURA MOTRULUI

km 289+850.00 - km 290+350.00

BUTOIESTI - STREHAIA

km 302+550.00 - km 302+650.00

km 307+150.00 - km 307+250.00

km 308+150.00 - km 308+450.00

STREHAIA - CIOCHIUTA

km 314+450.00 - km 315+350.00

km 316+050.00 - km 316+650.00

km 316+950.00 - km 317+550.00

IABLANITA - CRUSOVAT

km 418+050.00 - km 418+350.00

km 419+050.00 - km 419+450.00

km 419+850.00 - km 420+050.00

km 420+650.00 - km 421+400.00

SLATINA TIMIS - VALISOARA

km 454+550.00 - km 454+850.00

km 456+120.00 - km 456+550.00

km 457+450.00 - km 457+550.00

km 458+350.00 - km 458+550.00

km 459+150.00 - km 459+350.00

km 459+950.00 - km 460+050.00

VALISOARA - BALTA SARATA

km 461+650.00 - km 461+850.00

km 463+450.00 - km 463+650.00

km 464+050.00 - km 464+250.00

km 464+950.00 - km 465+050.00

km 465+250.00 - km 465+450.00

km 466+050.00 - km 466+250.00

km 467+250.00 - km 467+650.00

km 467+850.00 - km 467+950.00

km 468+050.00 - km 468+750.00

BALTA SARATA - CARANSEBES

km 471+024.00 - km 471+350.00

km 472+750.00 - km 472+950.00

km 473+450.00 - km 473+650.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogridurile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza / Phase	Positia / Position	Nume / Name	Data / Date	Semnatura / Signature
Aprobat / Approved	Manager de Proiect / Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat / Checked	Expert Cheie / Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit / Elaborated	Proiectant / Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible			
Intocmit / Elaborated	Proiectant / Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU DREAPTA CU INALTIMEA MAXIMA DE 6.00M
 EXTENSION OF RIGHT-SIDE FILLING WITH MAXIMUM HEIGHT OF 6.00M

Codificare / Codification System

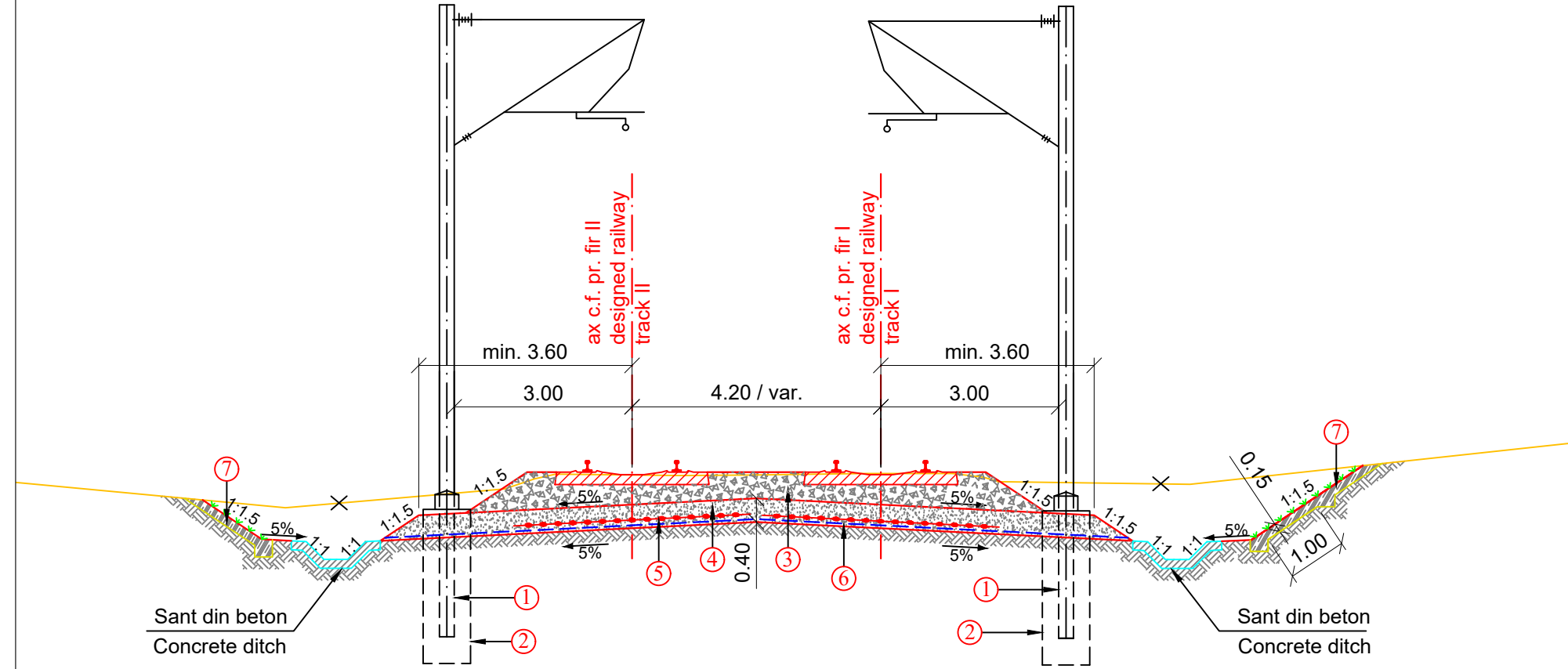
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 0 4 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA CU SANTURI BETON
TYPICAL CROSS PROFILE FOR DOUBLE TRACK WITH CONCRETE DITCHES
SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

CRAIOVA - CERNELE km 252+750.00 - km 255+250.00	GURA MOTRULUI - BUTOIESTI km 292+925.00 - km 293+050.00	IABLANITA - CRUSOVAT km 416+100.00 - km 416+750.00 km 417+550.00 - km 418+050.00
CERNELE - ISALNITA km 256+425.00 - km 256+950.00 km 259+650.00 - km 261+050.00	BUTOIESTI - STREHAIA km 299+580.00 - km 300+050.00 km 301+150.00 - km 301+340.00 km 302+350.00 - km 302+450.00 km 305+350.00 - km 305+740.00 km 307+350.00 - km 307+950.00 km 309+150.00 - km 309+425.00	SLATINA TIMIS - VALISOARA km 455+350.00 - km 456+120.00 km 456+550.00 - km 457+250.00 km 457+850.00 - km 457+950.00 km 458+650.00 - km 458+680.00 km 460+050.00 - km 460+140.00
ISALNITA - COTOFENI km 263+750.00 - km 264+250.00 km 267+450.00 - km 269+242.00	STREHAIA - CIOCHIUTA km 317+550.00 - km 317+750.00	VALISOARA - BALTA SARATA km 461+045.00 - km 461+650.00 km 465+050.00 - km 465+250.00 km 465+450.00 - km 465+550.00 km 467+050.00 - km 467+150.00 km 468+850.00 - km 469+135.00
COTOFENI - RACARI km 270+212.00 - km 272+050.00 km 273+150.00 - km 273+650.00 km 273+850.00 - km 273+950.00 km 276+350.00 - km 276+450.00	CIOCHIUTA - TIMNA km 318+750.00 - km 318+950.00 km 321+650.00 - km 322+050.00 km 323+650.00 - km 324+050.00	BALTA SARATA - CARANSEBES km 471+550.00 - km 471+650.00 km 471+750.00 - km 471+950.00 km 473+650.00 - km 473+750.00
RACARI - FILIASI km 280+150.00 - km 280+250.00 km 280+850.00 - km 281+250.00 km 282+150.00 - km 282+250.00 km 282+550.00 - km 282+750.00 km 283+050.00 - km 283+150.00 km 283+350.00 - km 283+370.00 km 283+950.00 - km 284+120.00	TIMNA - IGIROASA km 325+200.00 - km 326+050.00 km 329+250.00 - km 330+000.00	

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes			Proiect/Project 74 / 2018 Faza/Phase S.F.
--	--	--	--

Denumire / Title :
**PROFIL TRANSVERSAL TIP CALE DUBLA CU SANTURI BETON
TYPICAL CROSS PROFILE FOR DOUBLE TRACK WITH CONCRETE DITCHES**

Codificare / Codification System

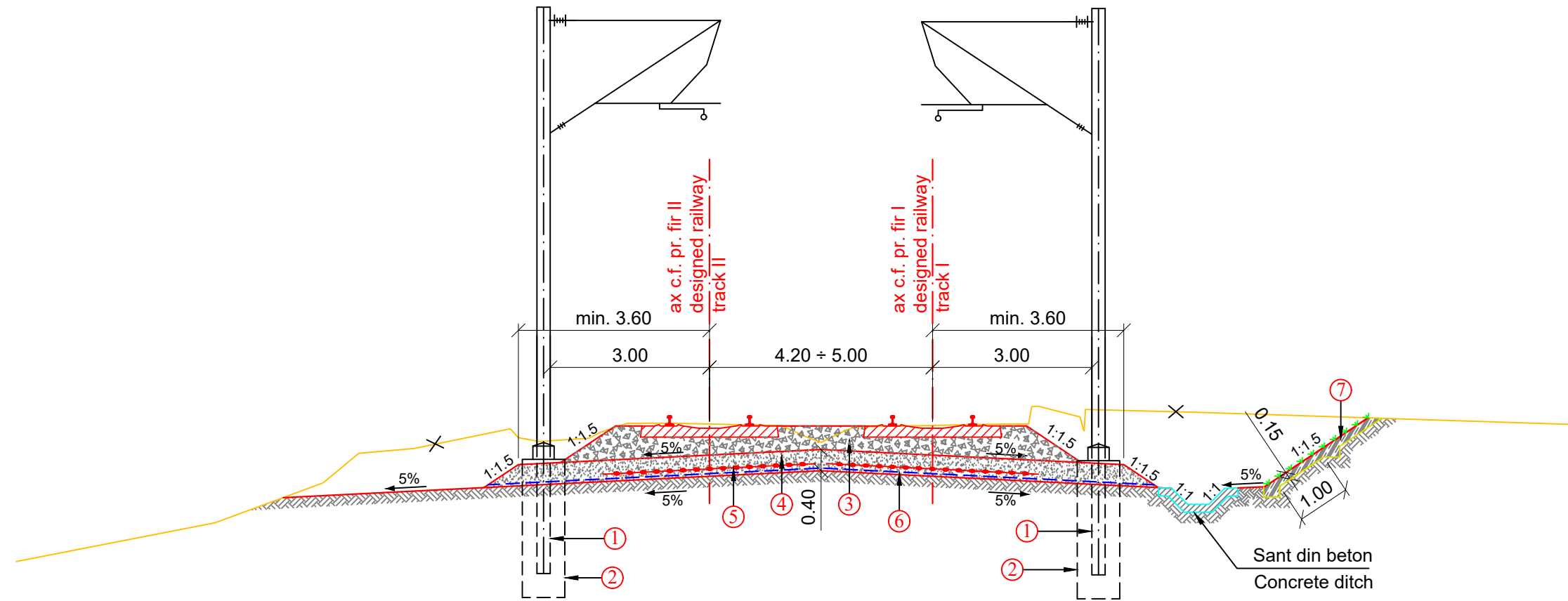
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	0	5	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA CU SANT BETON DREAPTA
TYPICAL CROSS PROFILE FOR DOUBLE TRACK WITH RIGHT-SIDE CONCRETE DITCH
SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

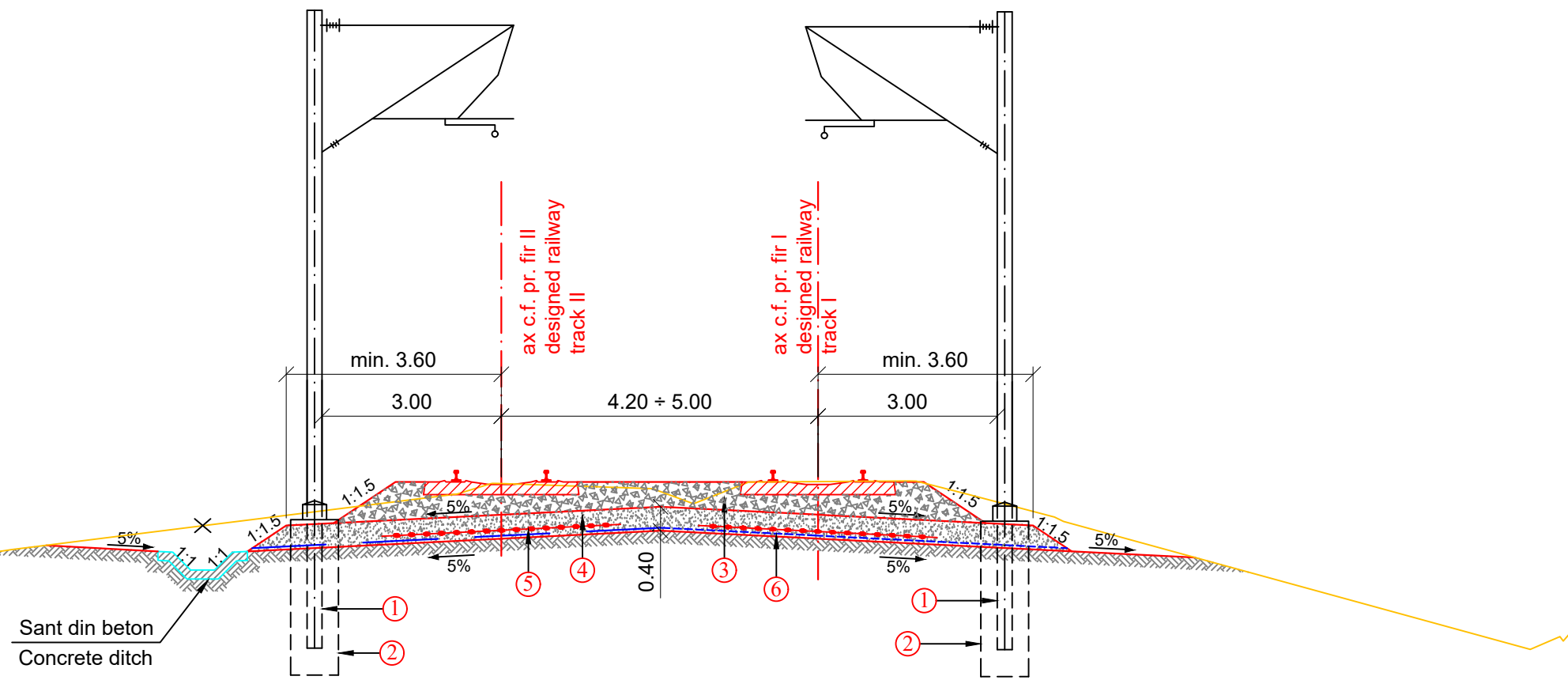
CERNELE - ISALNITA km 257+150.00 - km 257+450.00	BUTOIESTI - STREHAIA km 302+450.00 - km 302+550.00 km 304+850.00 - km 304+950.00 km 306+350.00 - km 306+450.00 km 309+050.00 - km 309+150.00
ISALNITA - COTOFENI km 265+150.00 - km 265+650.00 km 265+850.00 - km 266+050.00 km 266+450.00 - km 266+550.00 km 267+250.00 - km 267+450.00	IABLANITA - CRUSOVAT km 416+850.00 - km 417+550.00 km 418+350.00 - km 419+050.00
COTOFENI - RACARI km 272+050.00 - km 272+140.00 km 272+740.00 - km 273+150.00 km 273+650.00 - km 273+850.00 km 277+150.00 - km 277+250.00 km 278+750.00 - km 278+800.00	IABLANITA - CRUSOVAT km 420+250.00 - km 420+650.00
RACARI - FILIASI km 280+450.00 - km 280+850.00	SLATINA TIMIS - VALISOARA km 458+550.00 - km 458+650.00 km 459+550.00 - km 459+750.00
FILIASI - GURA MOTRULUI km 287+250.00 - km 287+750.00 km 288+250.00 - km 288+550.00 km 290+882.00 - km 290+950.00 km 291+550.00 - km 291+650.00	VALISOARA - BALTA SARATA km 466+850.00 - km 467+050.00 km 467+150.00 - km 467+250.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.																		
CONSULTANT / CONSULTANT																		
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature														
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020															
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020															
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020															
SUBCONSULTANT / SUBCONSULTANT																		
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																	
Întocmit Elaborated	Proiectant Designer																	
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.														
Denumire / Title :																		
PROFIL TRANSVERSAL TIP CALE DUBLA CU SANT BETON DREAPTA TYPICAL CROSS PROFILE FOR DOUBLE TRACK WITH RIGHT-SIDE CONCRETE DITCH																		
Codificare / Codification System																		
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	6	1
Istoricul reviziilor / Revision History																		
Rev.	Data/Date	Descriere Modificare / Modification description																
1	09.2020	Modificari conform adresa nr.11/2/504/2020																
2																		
3																		
4																		
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.																		

PROFIL TRANSVERSAL TIP CALE DUBLA, CU SANT BETON STANGA
TYPICAL CROSS PROFILE FOR DOUBLE TRACK WITH LEFT-SIDE CONCRETE DITCH
SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

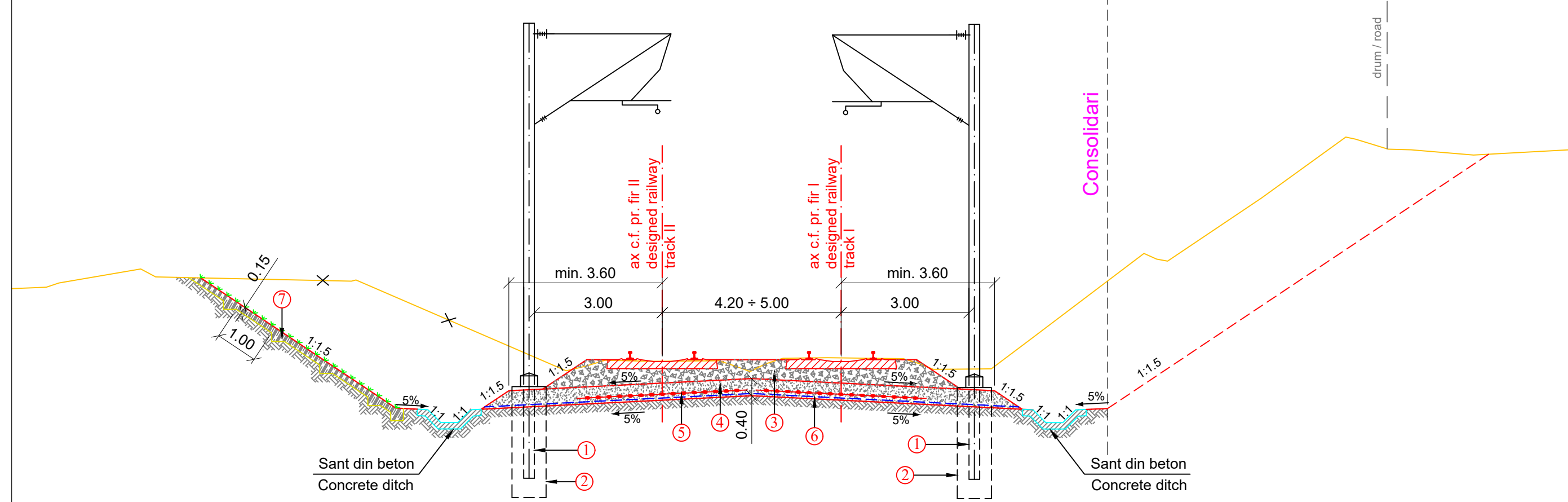
CERNELE - ISALNITA km 261+050.00 - km 261+350.00	FILIASI - GURA MOTRULUI km 288+550.00 - km 288+950.00
ISALNITA - COTOFENI km 263+450.00 - km 263+750.00	BUTOIESTI - STREHAIA km 302+950.00 - km 303+700.00 km 305+950.00 - km 306+250.00 km 307+950.00 - km 308+050.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogridurile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.																		
CONSULTANT / CONSULTANT																		
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature														
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020															
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020															
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020															
SUBCONSULTANT / SUBCONSULTANT																		
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																	
Întocmit Elaborated	Proiectant Designer																	
Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.														
Denumire / Title :																		
PROFIL TRANSVERSAL TIP CALE DUBLA, CU SANT BETON STANGA TYPICAL CROSS PROFILE FOR DOUBLE TRACK WITH LEFT-SIDE CONCRETE DITCH																		
Codificare / Codification System																		
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	7	1
Istoricul reviziilor / Revision History																		
Rev.	Data/Date	Descriere Modificare / Modification description																
1	09.2020	Modificari conform adresa nr.11/2/504/2020																
2																		
3																		
4																		
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.																		

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU CONSOLIDARE DREAPTA SI SANT BETON STANGA
 CUTTING, RIGHT-SIDE CONSOLIDATION AND LEFT-SIDE CONCRETE DITCH
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS
 ISALNITA - COTOFENI

km 264+850.00 - km 265+050.00

COTOFENI - RACARI

km 273+950.00 - km 274+450.00

IABLANITA - CRUSOVAT

km 416+750.00 - km 416+850.00



km 419+450.00 - km 419+850.00


BALTA SARATA - CARANSEBES

km 473+750.00 - km 473+850.00




LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

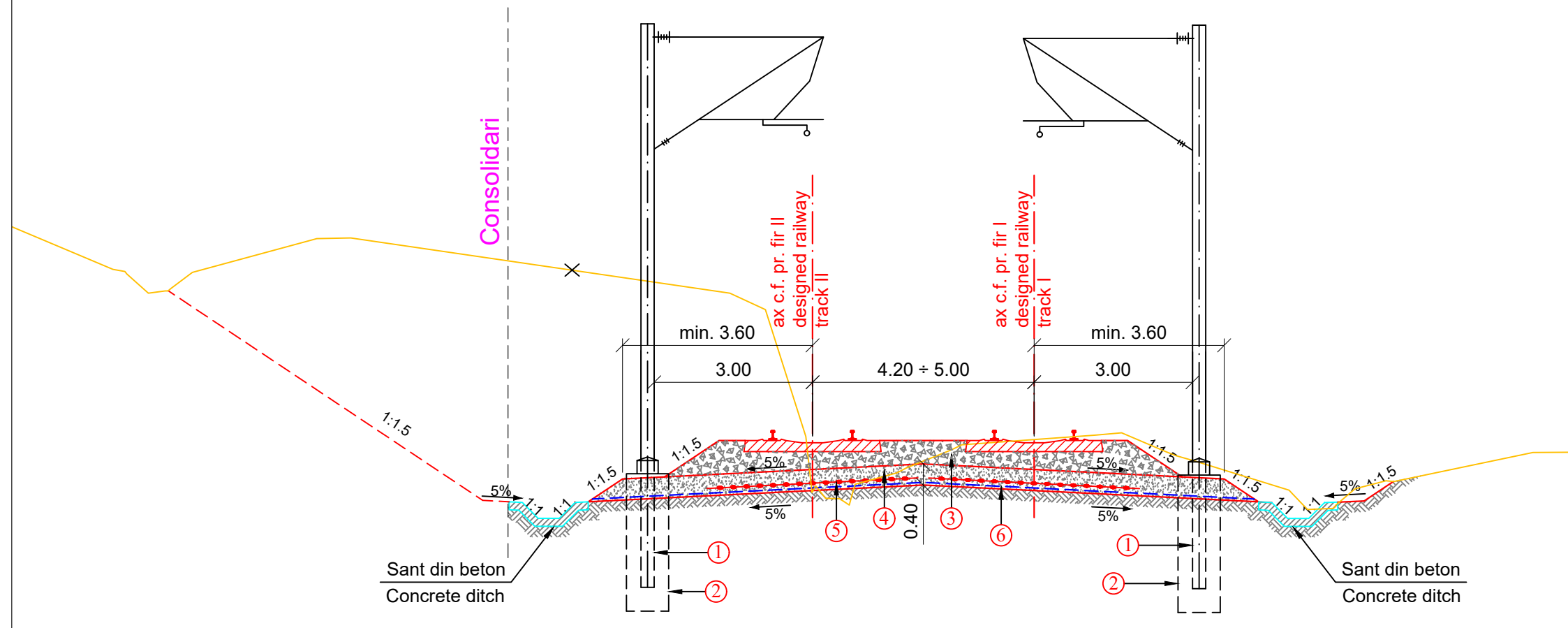
Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU CONSOLIDARE DREAPTA SI SANT BETON STANGA
 CUTTING, RIGHT-SIDE CONSOLIDATION AND LEFT-SIDE CONCRETE DITCH

Codificare / Codification System
 E 2 1 8 0 S F 0 0 W A T R X 0 0 0 0 8 1

Istoricul reviziilor / Revision History		
Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU CONSOLIDARE STANGA SI ŞANT BETON DREAPTA
 CUTTING, LEFT-SIDE CONSOLIDATION AND RIGHT-SIDE CONCRETE DITCH
 SCARA / SCALE 1:100



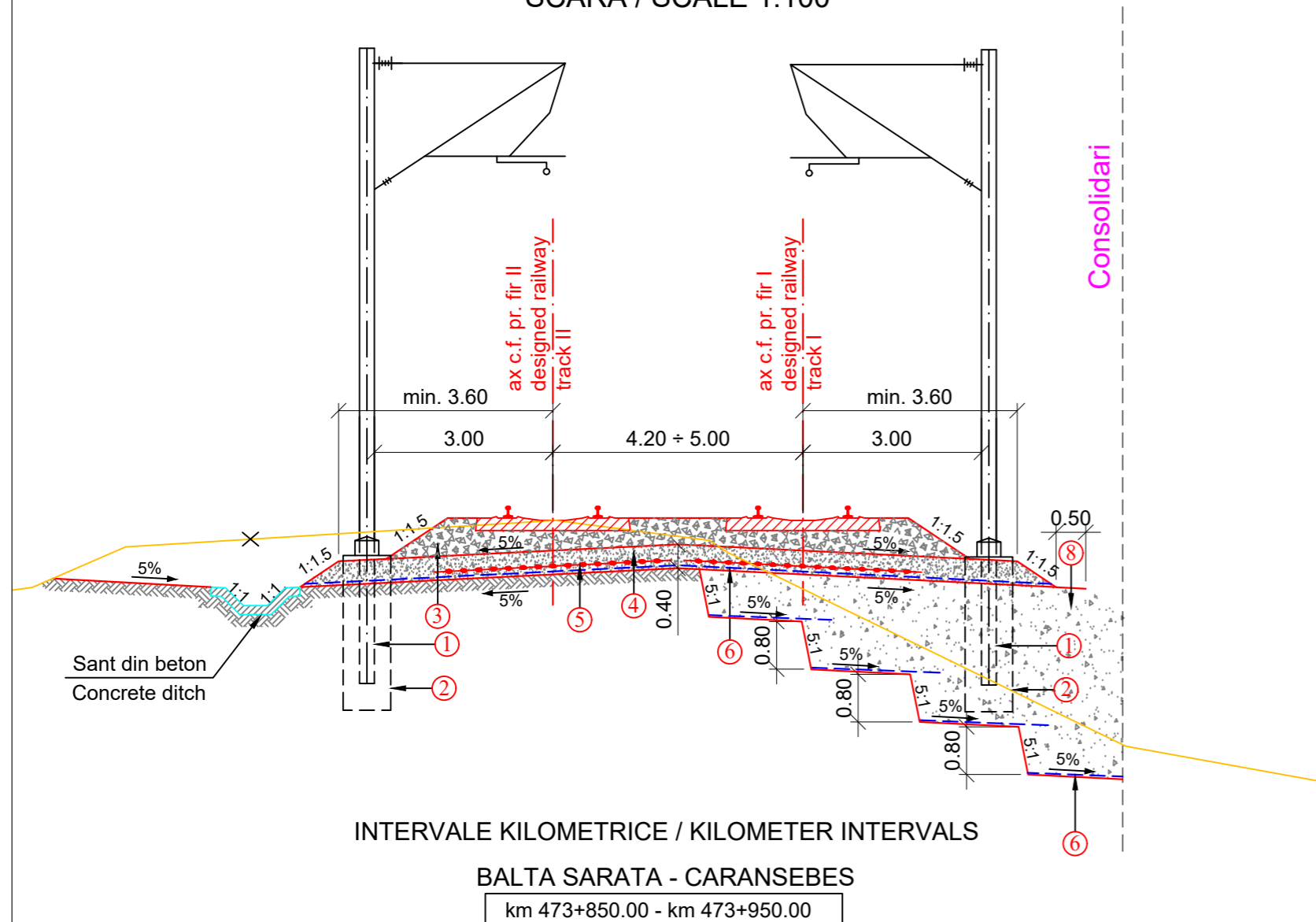
INTERVALE KILOMETRICE / KILOMETER INTERVALS
 BALTA SARATA - CARANSEBES
 km 471+650.00 - km 471+750.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogridurile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT	C.N.C.F. "C.F.R." - S.A.																	
CONSULTANT / CONSULTANT																		
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature														
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020															
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020															
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020															
SUBCONSULTANT / SUBCONSULTANT																		
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																	
Intocmit Elaborated	Proiectant Designer																	
Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.														
Denumire / Title :																		
PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK DEBLEU CU CONSOLIDARE STANGA SI ŞANT BETON DREAPTA CUTTING, LEFT-SIDE CONSOLIDATION AND RIGHT-SIDE CONCRETE DITCH																		
Codificare / Codification System																		
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	9	1
Istoricul reviziilor / Revision History																		
Rev.	Data/Date	Descriere Modificare / Modification description																
1	09.2020	Modificari conform adresa nr.11/2/504/2020																
2																		
3																		
4																		
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.																		

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU CU CONSOLIDARE DREAPTA SI SANT BETON STANGA
 FILLING, WITH RIGHT-SIDE CONSOLIDATION AND LEFT-SIDE CONCRETE DITCH
 SCARA / SCALE 1:100



LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare
 Craiova - Drobeta Turnu Severin - Caransebes,
 parte a Coridorului Orient/Est Mediteranean -
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU CU CONSOLIDARE DREAPTA SI SANT BETON STANGA
 FILLING, WITH RIGHT-SIDE CONSOLIDATION AND LEFT-SIDE CONCRETE DITCH

Codificare / Codification System

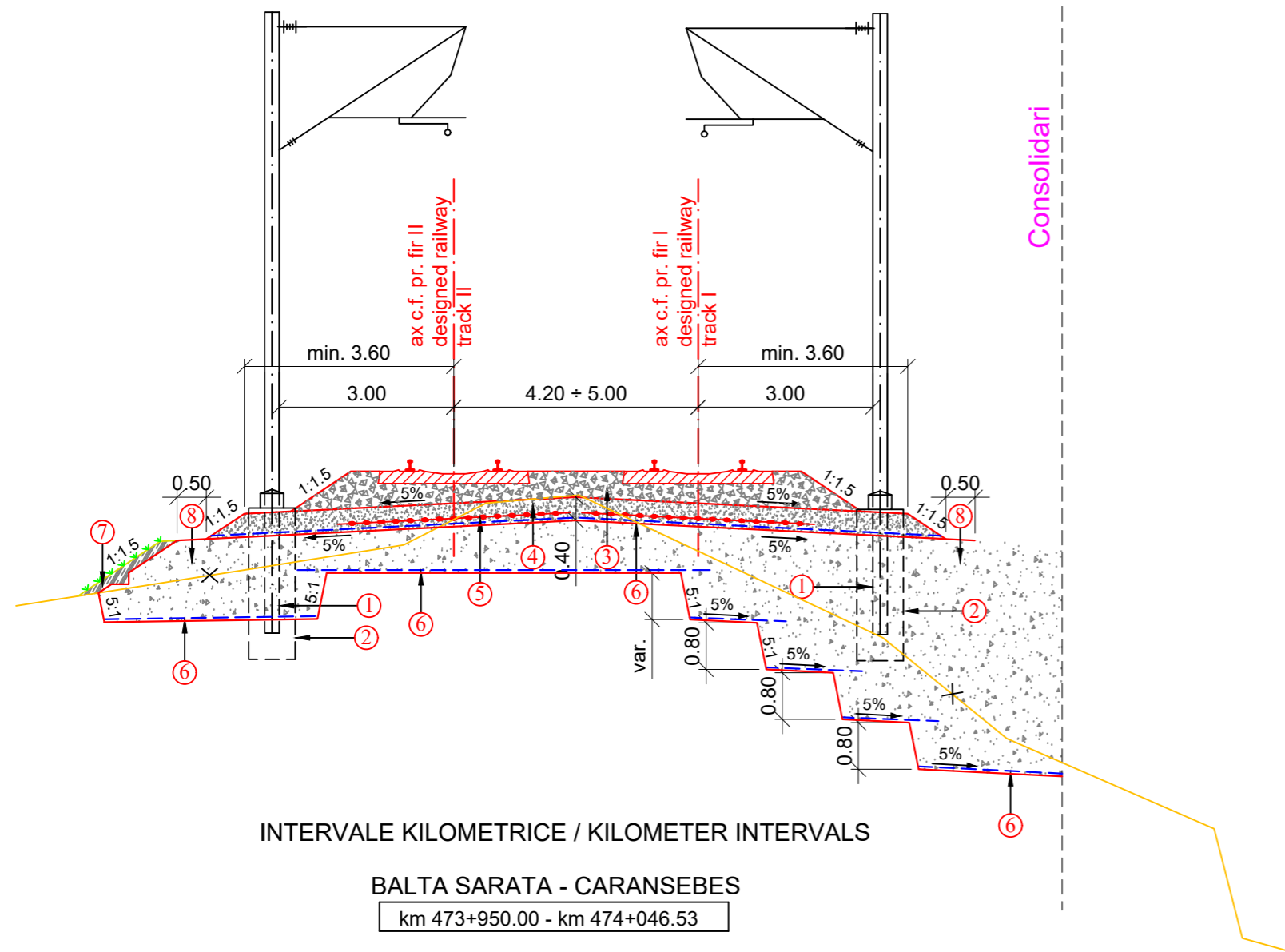
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 1 0 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		



Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.


PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU CU CONSOLIDARE DREAPTA SI EXTINDERE STANGA
 FILLING, WITH RIGHT-SIDE CONSOLIDATION AND LEFT-SIDE EXTENSION
 SCARA / SCALE 1:100






LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU CU CONSOLIDARE DREAPTA SI EXTINDERE STANGA
 FILLING, WITH RIGHT-SIDE CONSOLIDATION AND LEFT-SIDE EXTENSION

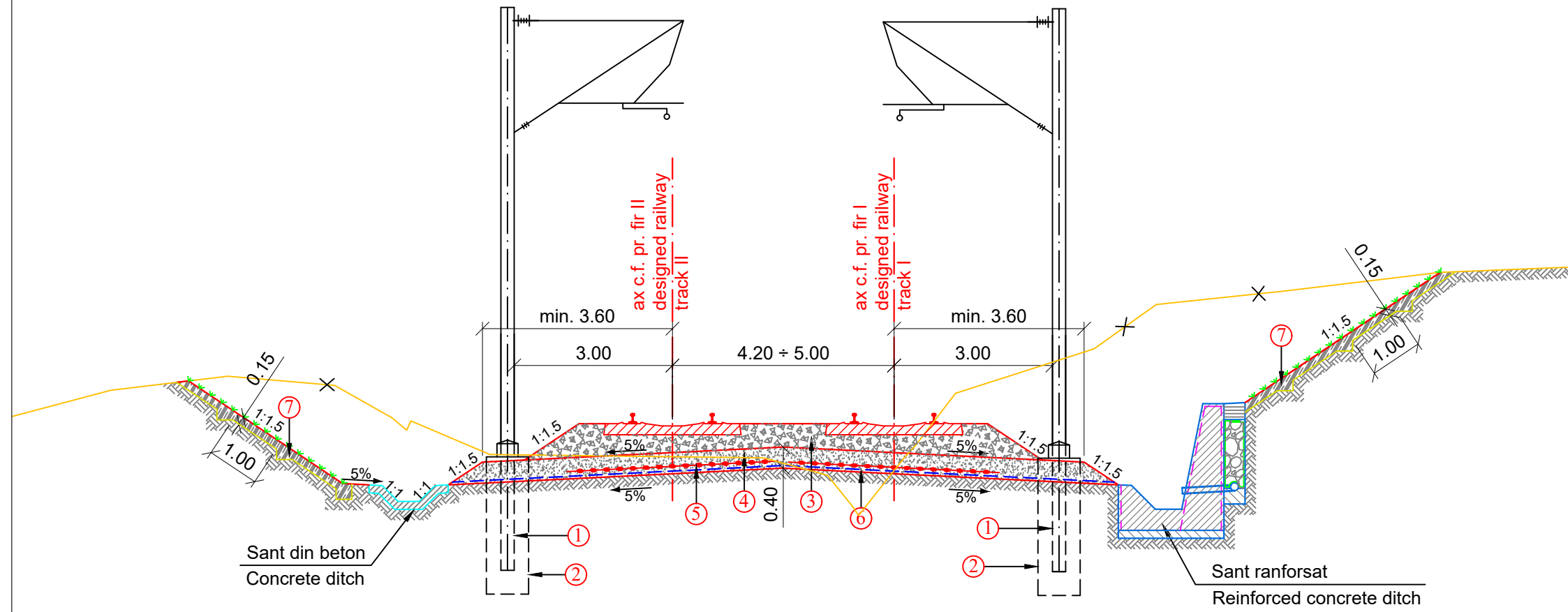
Codificare / Codification System
 E 2 1 8 0 S F 0 0 W A T R X 0 0 0 1 1 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU SANT BETON STANGA SI SANT RANFORSAT DREAPTA
 CUTTING, LEFT-SIDE CONCRETE DITCH AND RIGHT-SIDE REINFORCED DITCH
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS
 COTOFENI - RACARI

km 272+140.00 - km 272+740.00

BALTA SARATA - CARANSEBES

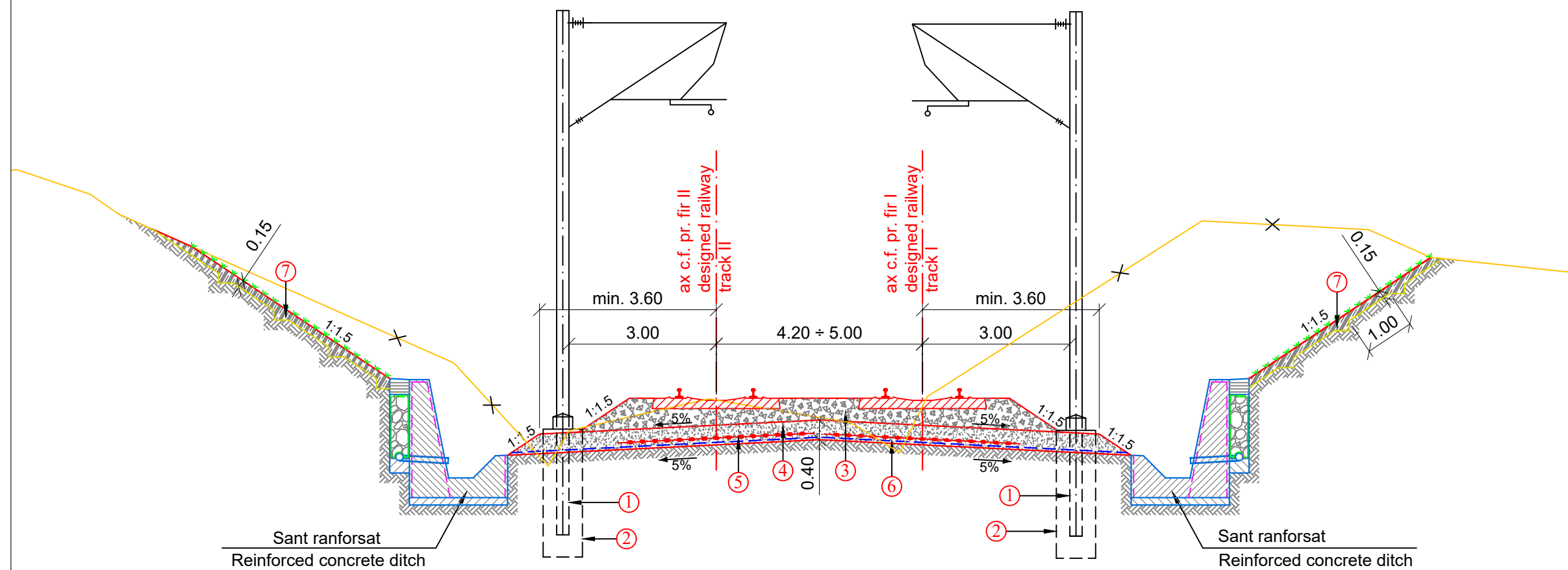
km 470+250.00 - km 470+350.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilie biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.																			
CONSULTANT / CONSULTANT																			
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020																
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020																
SUBCONSULTANT / SUBCONSULTANT																			
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																		
Intocmit Elaborated	Proiectant Designer																		
<i>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</i>				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.															
Denumire / Title : PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK DEBLEU CU SANT BETON STANGA SI SANT RANFORSAT DREAPTA CUTTING, LEFT-SIDE CONCRETE DITCH AND RIGHT-SIDE REINFORCED DITCH																			
<i>Codificare / Codification System</i>																			
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	1	2	1
<i>Istoricul reviziilor / Revision History</i>																			
<i>Rev.</i>	<i>Data/Date</i>	<i>Descriere Modificare / Modification description</i>																	
1	09.2020	Modificari conform adresa nr.11/2/504/2020																	
2																			
3																			
4																			
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.																			

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU SANT RANFORSAT STANGA SI DREAPTA
 CUTTING, LEFT-SIDE AND RIGHT-SIDE REINFORCED DITCH
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

RACARI - FILIASI	
km 280+250.00 - km 280+450.00	
km 283+150.00 - km 283+350.00	
SLATINA TIMIS - VALISOARA	
km 457+950.00 - km 458+150.00	
km 458+680.00 - km 459+150.00	

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean -
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project 74 / 2018
 Faza/Phase S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU SANT RANFORSAT STANGA SI DREAPTA
 CUTTING, LEFT-SIDE AND RIGHT-SIDE REINFORCED DITCH

Codificare / Codification System

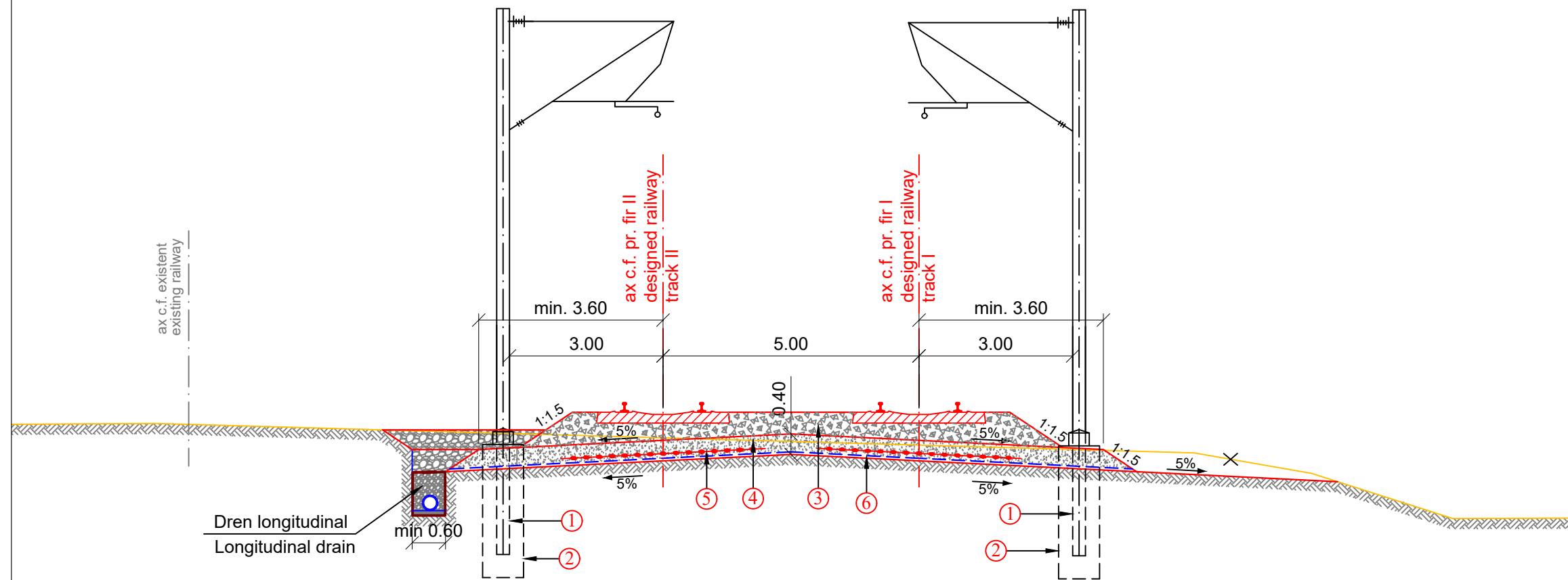
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 1 3 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DREN LONGITUDINAL STANGA SI DECAPARE DREAPTA
 LONGITUDINAL DRAIN ON THE LEFT SIDE AND SCRAPING ON THE RIGHT SIDE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS
 CERNELE - ISALNITA

km 261+350.00 - km 261+460.00

VALISOARA - BALTA SARATA

km 466+540.00 - km 466+850.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positie Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DREN LONGITUDINAL STANGA SI DECAPARE DREAPTA
 LONGITUDINAL DRAIN ON THE LEFT SIDE AND SCRAPING ON THE RIGHT SIDE

Codificare / Codification System

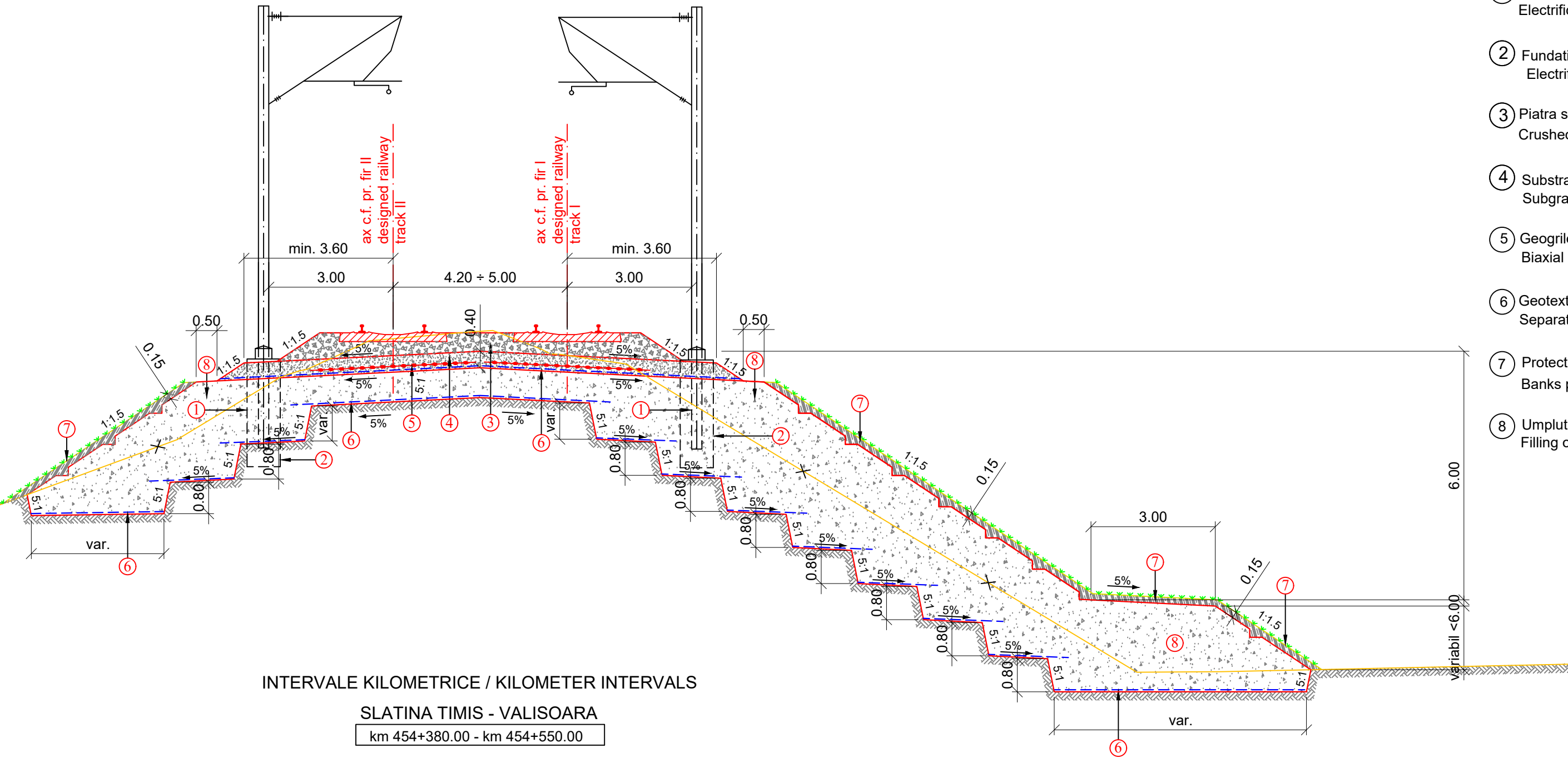
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 1 4 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU STANGA SI CONTRABANCHETA DREAPTA
 EXTENSION OF LEFT-SIDE FILLING AND OF RIGHT-SIDE FILLING WITH COUNTERBERM
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

SLATINA TIMIS - VALISOARA
 km 454+380.00 - km 454+550.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

<p>Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes</p>			Proiect/Project
			74 / 2018
			Faza/Phase
			S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU STANGA SI CONTRABANCHETA DREAPTA
 EXTENSION OF LEFT-SIDE FILLING AND OF RIGHT-SIDE FILLING WITH COUNTERBERM

Codificare / Codification System

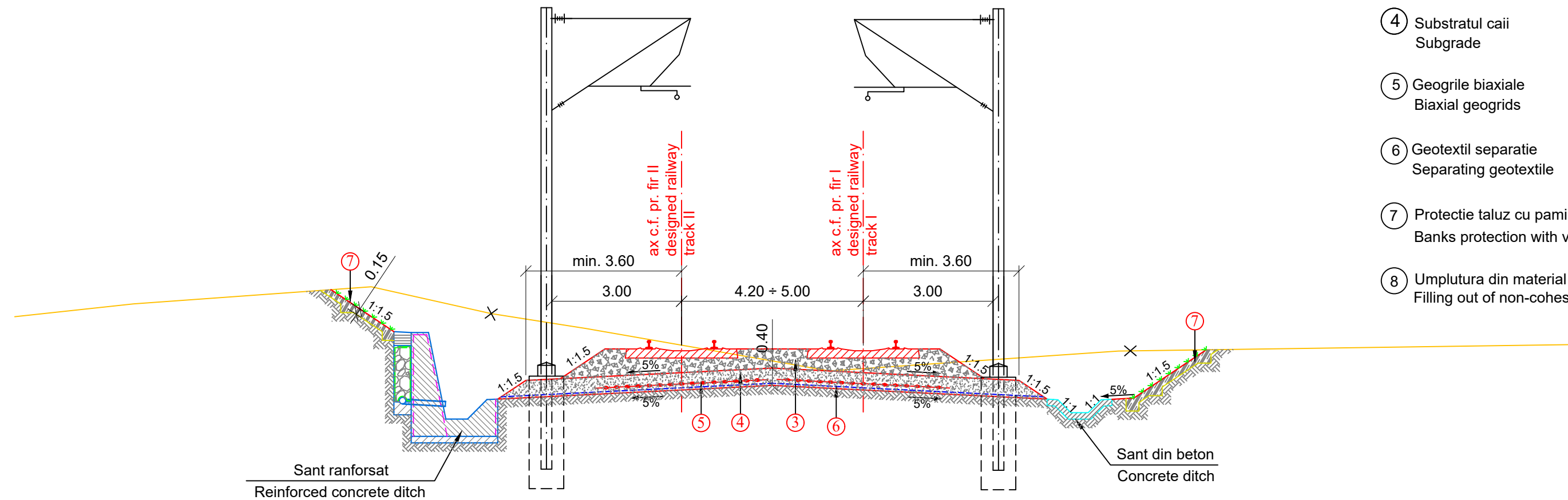
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 1 5 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU SANT RANFORSAT STANGA C.F.
 CUTTING, ON THE LEFT-SIDE REINFORCED DITCH
 SCARA / SCALE 1:100






INTERVALE KILOMETRICE / KILOMETER INTERVALS

BUTOIESTI - STREHAIA
 km 301+340.00 - km 302+350.00
 SLATINA TIMIS - VALISOARA
 km 458+150.00 - km 458+250.00




LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

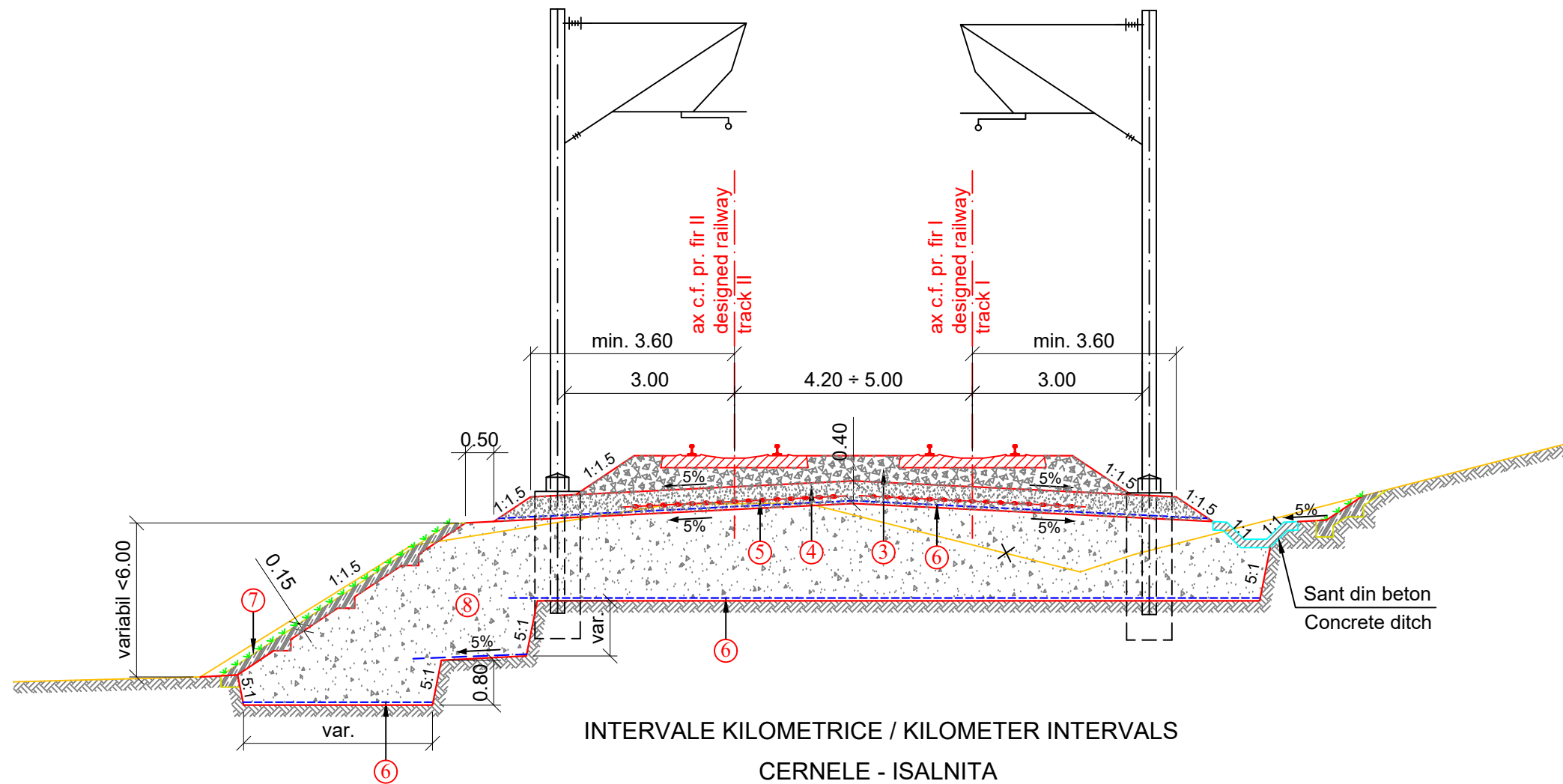
Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU SANT RANFORSAT STANGA C.F.
 CUTTING, ON THE LEFT-SIDE REINFORCED DITCH

Codificare / Codification System
 E 2 1 8 0 S F 0 0 W A T R X 0 0 0 1 6 1

Istoricul reviziilor / Revision History		
Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RIDICARE DE NIVELETA, EXTINDERE RAMBLEU STANGA SI SANT BETON DREAPTA
 LEVEL RISE, EXTENSION OF LEFT-SIDE FILLING AND RIGHT-SIDE CONCRETE DITCH
 SCARA / SCALE 1:100






INTERVALE KILOMETRICE / KILOMETER INTERVALS

- CERNELE - ISALNITA
km 256+950.00 - km 257+150.00
- ISALNITA - COTOFENI
km 266+250.00 - km 266+350.00
- FILIASI - GURA MOTRULUI
km 286+650.00 - km 286+950.00
- SLATINA TIMIS - VALISOARA
km 459+350.00 - km 459+550.00




LEGENDA/LEGEND

- 1 Stalp electrificare
Electrification pole
- 2 Fundatie stalp electrificare
Electrification pole foundation
- 3 Piatra sparta
Crushed stone
- 4 Substratul caii
Subgrade
- 5 Geogrilile biaxiale
Biaxial geogrids
- 6 Geotextil separatie
Separating geotextile
- 7 Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- 8 Umplutura din material necoeziv
Filling out of non-cohesive material

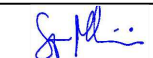

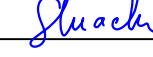





CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

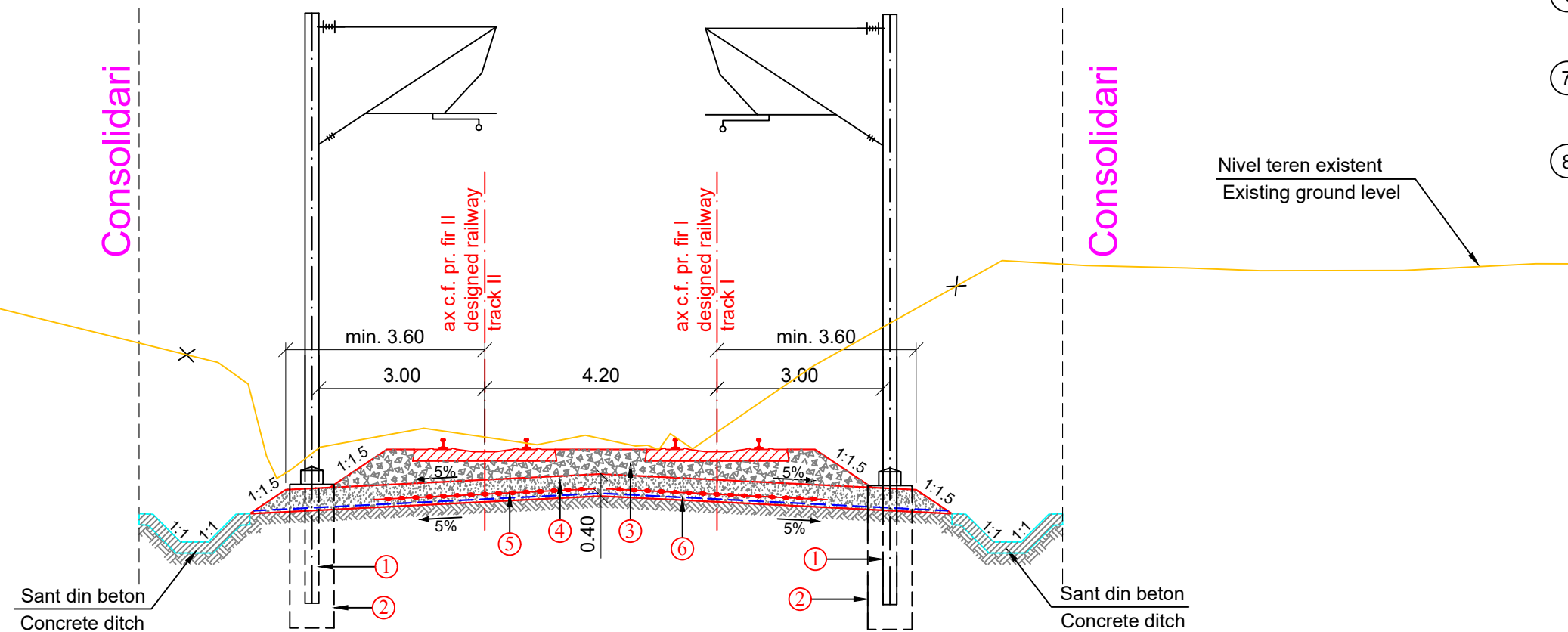
Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RIDICARE DE NIVELETA, EXTINDERE RAMBLEU STANGA SI SANT BETON DREAPTA
 LEVEL RISE, EXTENSION OF LEFT-SIDE FILLING AND RIGHT-SIDE CONCRETE DITCH

Codificare / Codification System
 E 2 1 8 0 S F 0 0 W A T R X 0 0 0 1 7 1

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU LUCRARI DE CONSOLIDARE STANGA + DREAPTA C.F.
 CUTTING, CONSOLIDATION WORKS ON THE LEFT SIDE AND RIGHT SIDE OF THE RAILWAY LINE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

COTOFENI - RACARI

km 274+450.00 - km 276+350.00

RACARI - FILIASI

km 282+250.00 - km 282+550.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare
 Craiova - Drobeta Turnu Severin - Caransebes,
 parte a Coridorului Orient/Est Mediteranean -
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU LUCRARI DE CONSOLIDARE STANGA + DREAPTA C.F.
 CUTTING, CONSOLIDATION WORKS ON THE LEFT SIDE AND RIGHT SIDE OF THE RAILWAY
 LINE

Codificare / Codification System

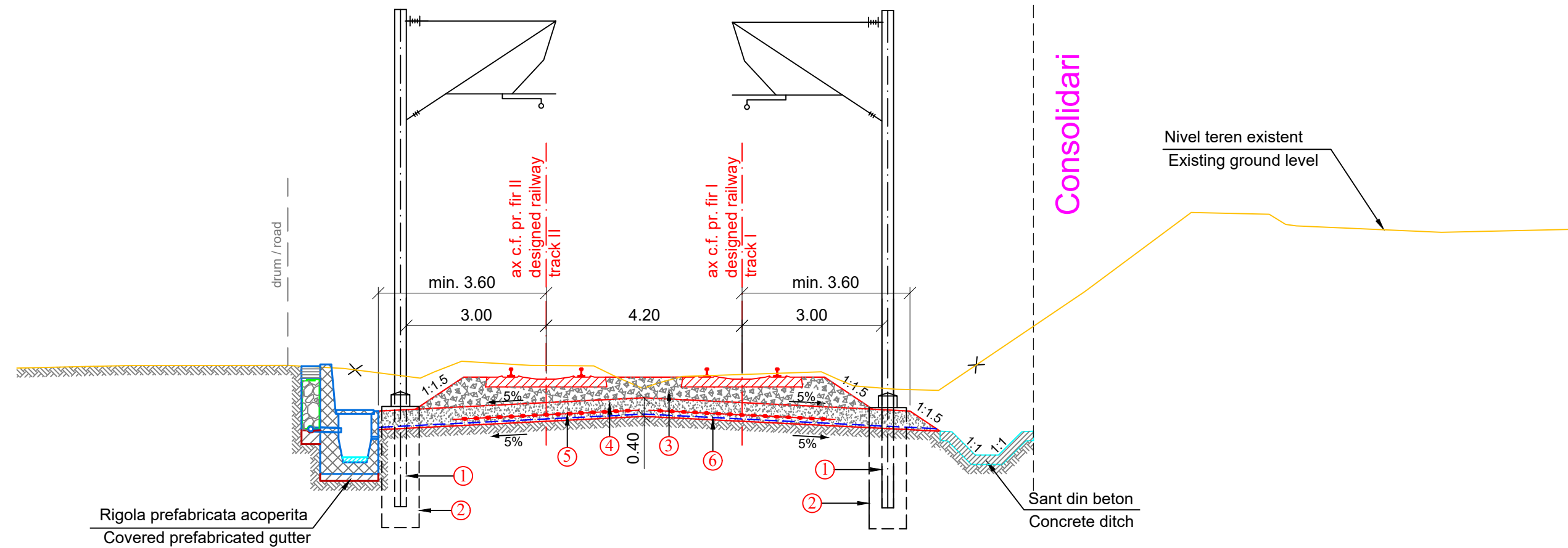
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 1 8 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU RIGOLA PREFABRICATA ACOPERITA STANGA + LUCRARI DE CONSOLIDARE DREAPTA C.F.
 CUTTING, COVERED PREFABRICATED GUTTER ON THE LEFT SIDE + CONSOLIDATION WORKS ON THE RIGHT SIDE OF THE RAILWAY LINE
 SCARA / SCALE 1:100



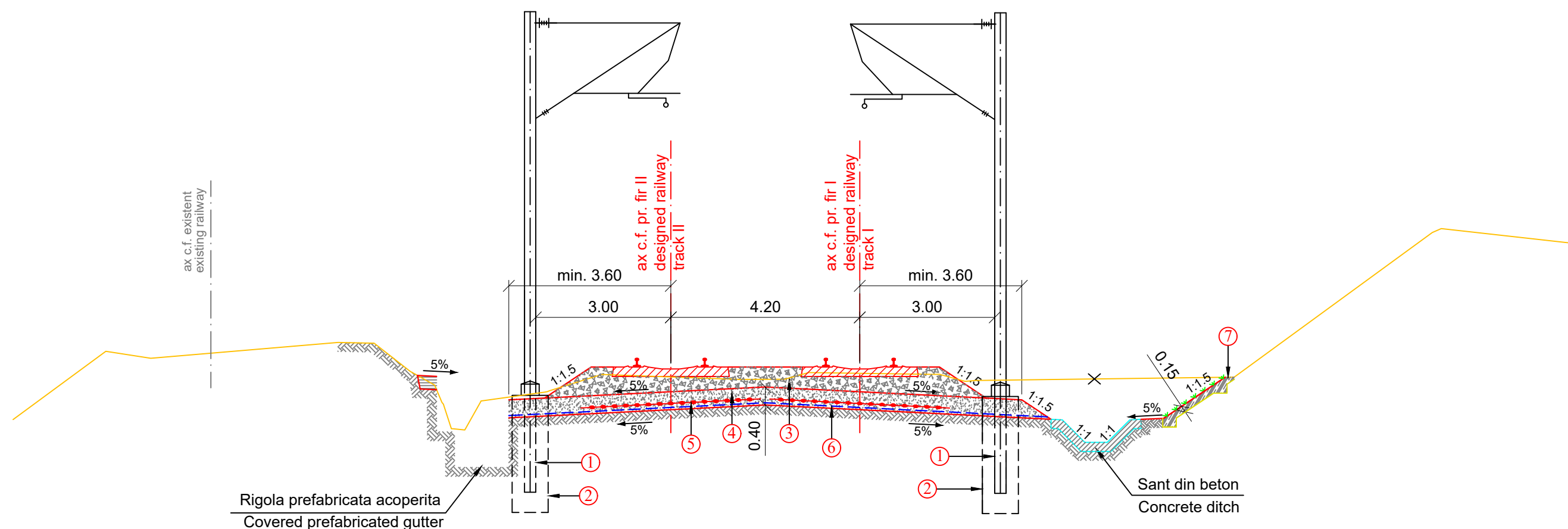
INTERVALE KILOMETRICE / KILOMETER INTERVALS
 RACARI - FILIASI
 km 284+120.00 - km 284+750.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.																			
CONSULTANT / CONSULTANT																			
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020																
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020																
SUBCONSULTANT / SUBCONSULTANT																			
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																		
Intocmit Elaborated	Proiectant Designer																		
Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes				<i>Proiect/Project</i> 74 / 2018 <i>Faza/Phase</i> S.F.															
Denumire / Title :																			
PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK DEBLEU CU RIGOLA PREFABRICATA ACOPERITA STANGA + LUCRARI DE CONSOLIDARE DREAPTA C.F. CUTTING, COVERED PREFABRICATED GUTTER ON THE LEFT SIDE + CONSOLIDATION WORKS ON THE RIGHT SIDE OF THE RAILWAY LINE																			
Codificare / Codification System																			
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	1	9	1
Istoricul reviziilor / Revision History																			
Rev.	Data/Date	Descriere Modificare / Modification description																	
1	09.2020	Modificari conform adresa nr.11/2/504/2020																	
2																			
3																			
4																			
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.																			



PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 DEBLEU CU RIGOLA PREFABRICATA ACOPERITA STANGA + SANT DE BETON DREAPTA C.F.
 CUTTING, COVERED PREFABRICATED GUTTER ON THE LEFT SIDE + CONCRETE DITCH ON THE RIGHT SIDE OF THE RAILWAY LINE
 SCARA / SCALE 1:100




INTERVALE KILOMETRICE / KILOMETER INTERVALS
 RACARI - FILIASI
 km 284+750.00 - km 284+985.00




LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole fundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



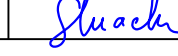





CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK DEBLEU CU RIGOLA PREFABRICATA ACOPERITA STANGA + SANT DE BETON DREAPTA C.F. CUTTING, COVERED PREFABRICATED GUTTER ON THE LEFT SIDE + CONCRETE DITCH ON THE RIGHT SIDE OF THE RAILWAY LINE

Codificare / Codification System
 E 2 1 8 0 S F 0 0 W A T R X 0 0 0 2 0 1

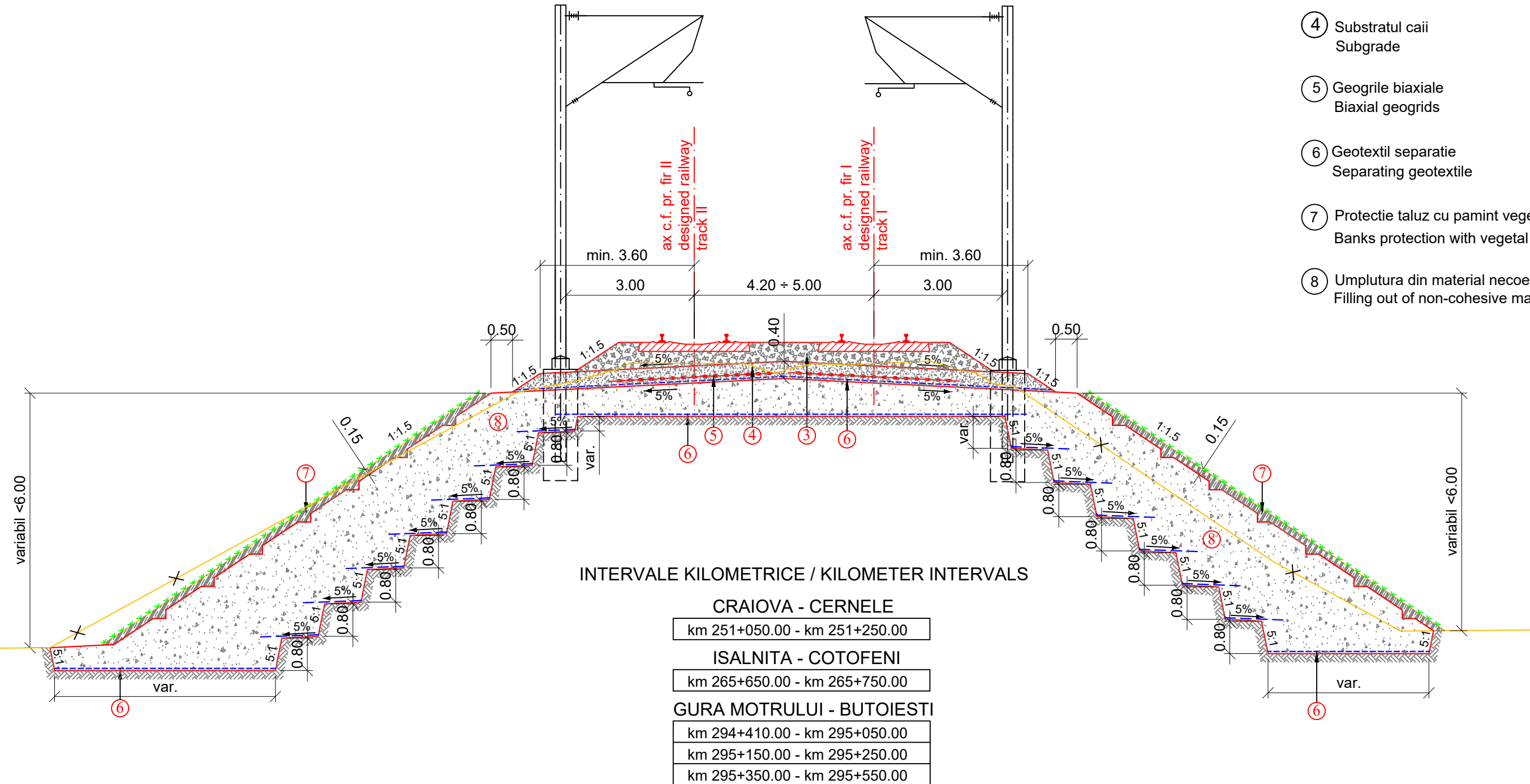
Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU STANGA SI DREAPTA
 EXTENSION OF LEFT AND RIGHT-SIDE FILLING
 SCARA / SCALE 1:100

LEGENDA/LEGEND

- 1 Stalp electrificare
Electrification pole
- 2 Fundatie stalp electrificare
Electrification pole foundation
- 3 Piatra sparta
Crushed stone
- 4 Substratul caii
Subgrade
- 5 Geogriile biaxiale
Biaxial geogrids
- 6 Geotextil separatie
Separating geotextile
- 7 Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- 8 Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**



CONSULTANT / CONSULTANT				
Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT				
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Project/Project 74 / 2018
 Faza/Phase S.F.

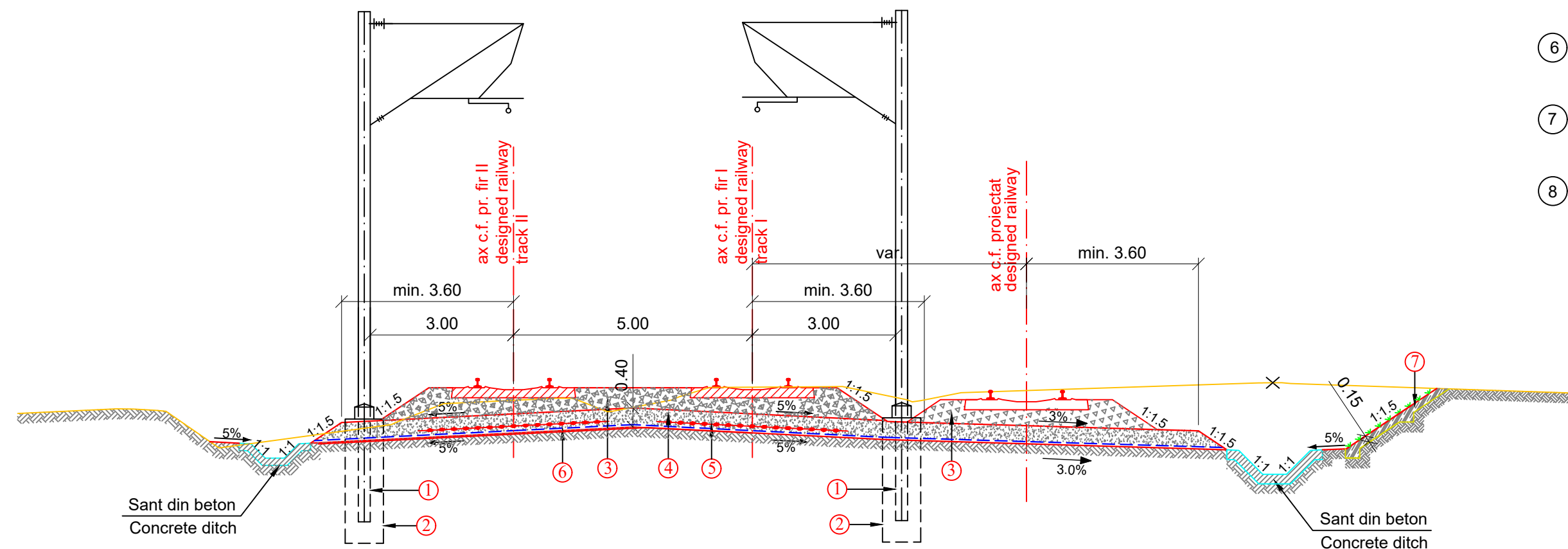
Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU STANGA SI DREAPTA
 EXTENSION OF LEFT AND RIGHT-SIDE FILLING

Codificare / Codification System
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 2 1 1

Istoricul reviziilor / Revision History		
Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.



PROFIL TRANSVERSAL TIP CU 3 LINII SI SANTURI BETON
 TYPICAL CROSS PROFILE WITH 3 RAILWAY LINES AND CONCRETE DITCHES
 SCARA / SCALE 1:100




INTERVALE KILOMETRICE / KILOMETER INTERVALS
 STATIA FILIASI
 km 286+400.00 - km 286+520.00




LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separat
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CU 3 LINII SI SANTURI BETON
 TYPICAL CROSS PROFILE WITH 3 RAILWAY LINES AND CONCRETE DITCHES

Codificare / Codification System

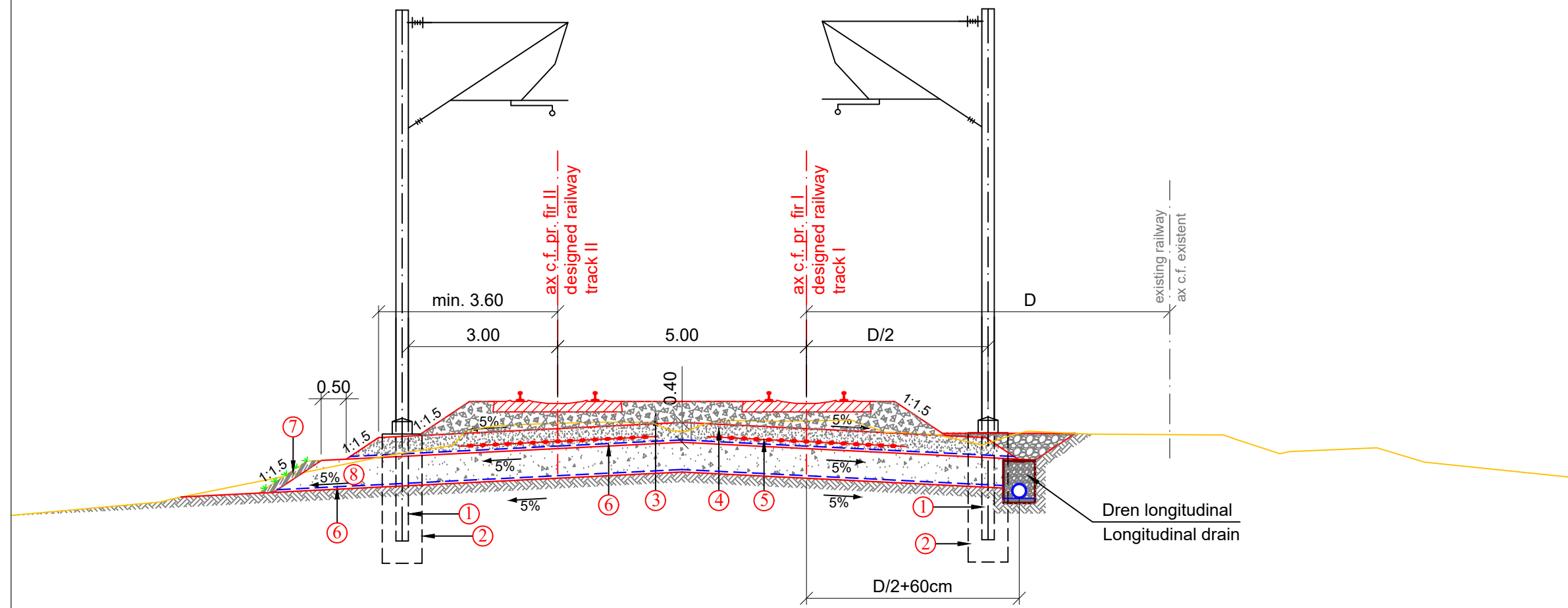
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 2 2 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU STANGA SI DREN PE DREAPTA
 EXTENSION OF LEFT-SIDE FILLING AND DRAIN ON RIGHT-SIDE
 SCARA / SCALE 1:100





INTERVALE KILOMETRICE / KILOMETER INTERVALS


CRAIOVA - CERNELE

km 251+780.00 - km 252+150.00




LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



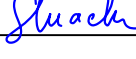





CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 EXTINDERE RAMBLEU STANGA SI DREN PE DREAPTA
 EXTENSION OF LEFT-SIDE FILLING AND DREN ON RIGHT-SIDE

Codificare / Codification System

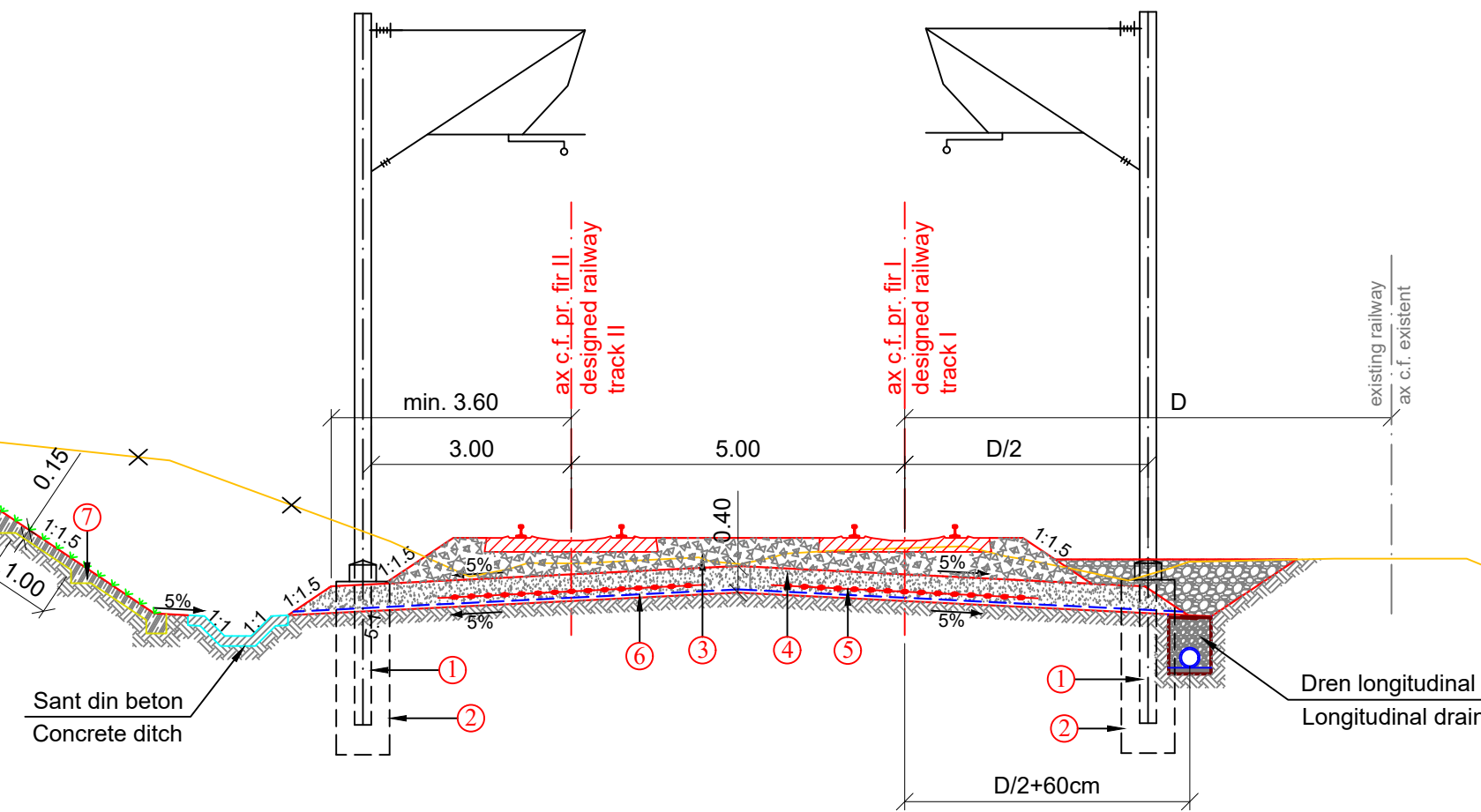
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 2 3 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 SANT BETON STANGA SI DREN PE DREAPTA
 CONCRETE DITCH ON THE LEFT-SIDE AND DRAIN ON RIGHT-SIDE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

CRAIOVA - CERNELE

km 252+150.00 - km 252+750.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextilii separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project 74 / 2018
Faza/Phase S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 SANT BETON STANGA SI DREN PE DREAPTA
 CONCRETE DITCH ON THE LEFT-SIDE AND DRAIN ON RIGHT-SIDE

Codificare / Codification System

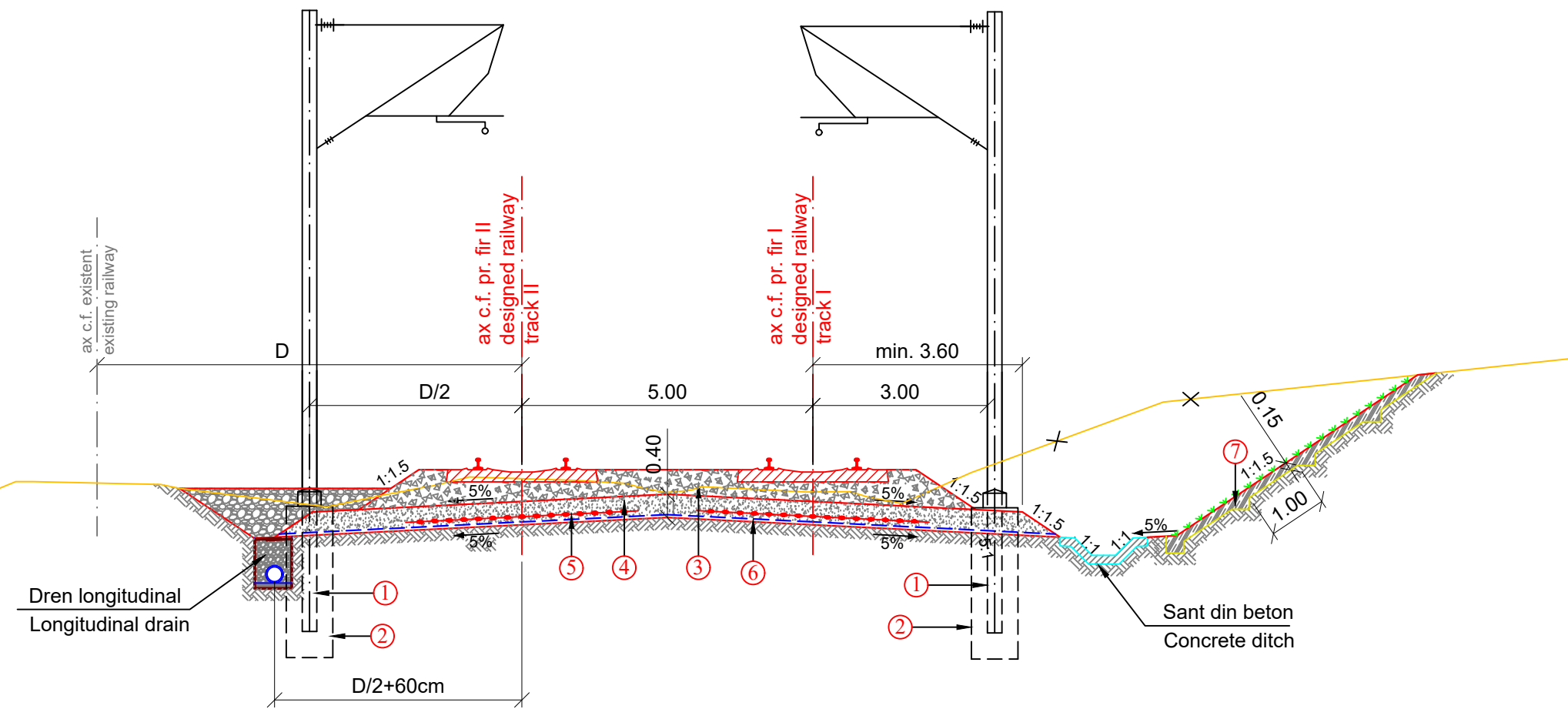
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 2 4 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 SANT BETON DREAPTA SI DREN PE STANGA
 CONCRETE DITCH ON THE RIGHT-SIDE AND DREN ON LEFT-SIDE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

ISALNITA - COTOFENI

km 262+800.00 - km 263+450.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare
 Craiova - Drobeta Turnu Severin - Caransebes,
 parte a Coridorului Orient/Est Mediteranean -
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 SANT BETON DREAPTA SI DREN PE STANGA
 CONCRETE DITCH ON THE RIGHT-SIDE AND DREN ON LEFT-SIDE

Codificare / Codification System

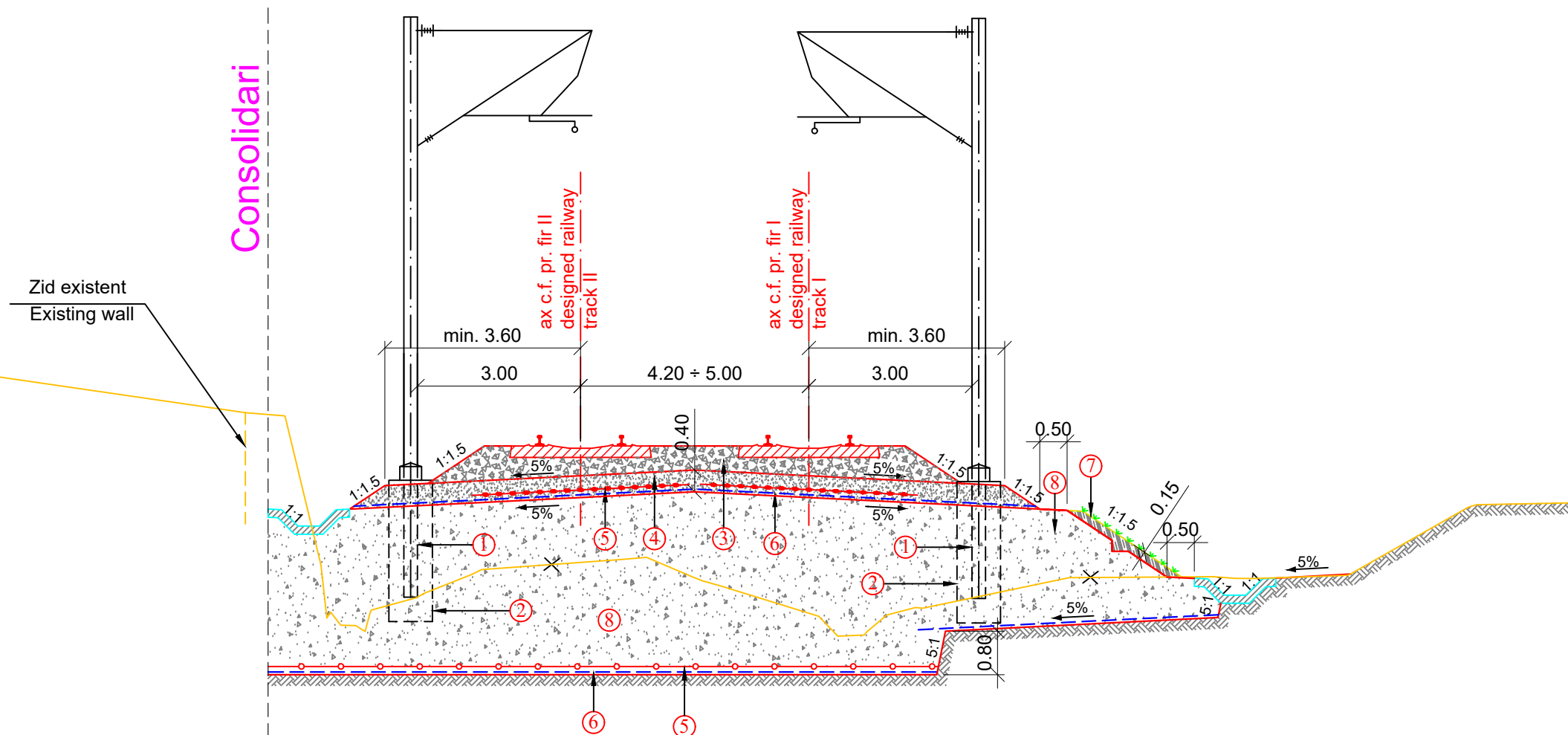
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 2 5 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 PROFIL MIXT + RIDICARE DE NIVELETA + LUCRARI DE CONSOLIDARE STANGA + SANT DE BETON DREAPTA C.F.
 MIXED PROFILE + LEVEL RISE + CONSOLIDATION WORKS ON THE LEFT SIDE + CONCRETE DITCH ON RIGHT SIDE OF THE RAILWAY LINE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

STREHAIA - CIOCHIUTA

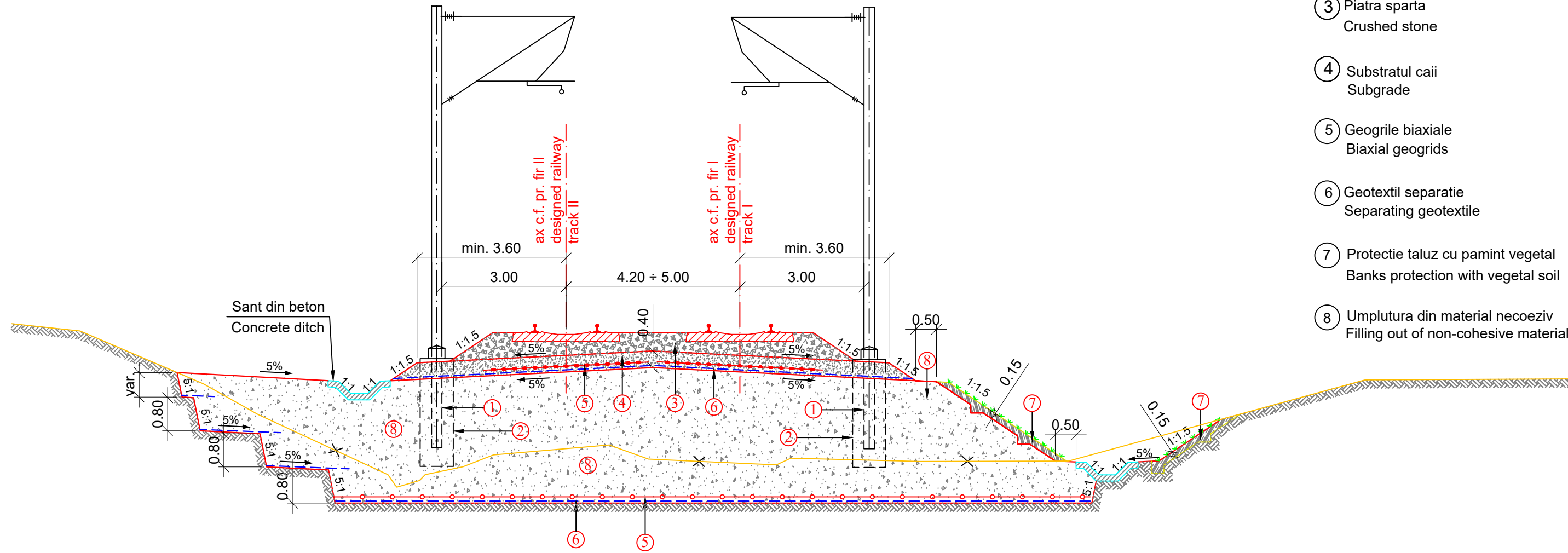
km 311+350.00 - km 311+650.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.																			
CONSULTANT / CONSULTANT																			
<i>Faza</i> Phase	<i>Positia</i> Position	<i>Nume</i> Name	<i>Data</i> Date	<i>Semnatura</i> Signature															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020																
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020																
SUBCONSULTANT / SUBCONSULTANT																			
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																		
Întocmit Elaborated	Proiectant Designer																		
Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes				Proiect/Project 74 / 2018 Faza/Phase S.F.															
Denumire / Title :																			
PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK PROFIL MIXT + RIDICARE DE NIVELETA + LUCRARI DE CONSOLIDARE STANGA + SANT DE BETON DREAPTA C.F. MIXED PROFILE + LEVEL RISE + CONSOLIDATION WORKS ON THE LEFT SIDE + CONCRETE DITCH ON RIGHT SIDE OF THE RAILWAY LINE																			
Codificare / Codification System																			
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	2	6	1
Istoricul reviziilor / Revision History																			
Rev.	Data/Date	Descriere Modificare / Modification description																	
1	09.2020	Modificari conform adresa nr.11/2/504/2020																	
2																			
3																			
4																			
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.																			

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU SI SANT DE BETON STANGA + DREAPTA C.F.
 FILLING AND CONCRETE DITCH ON LEFT-SIDE AND RIGHT-SIDE OF THE RAILWAY LINE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

STREHAIA - CIOCHIUTA

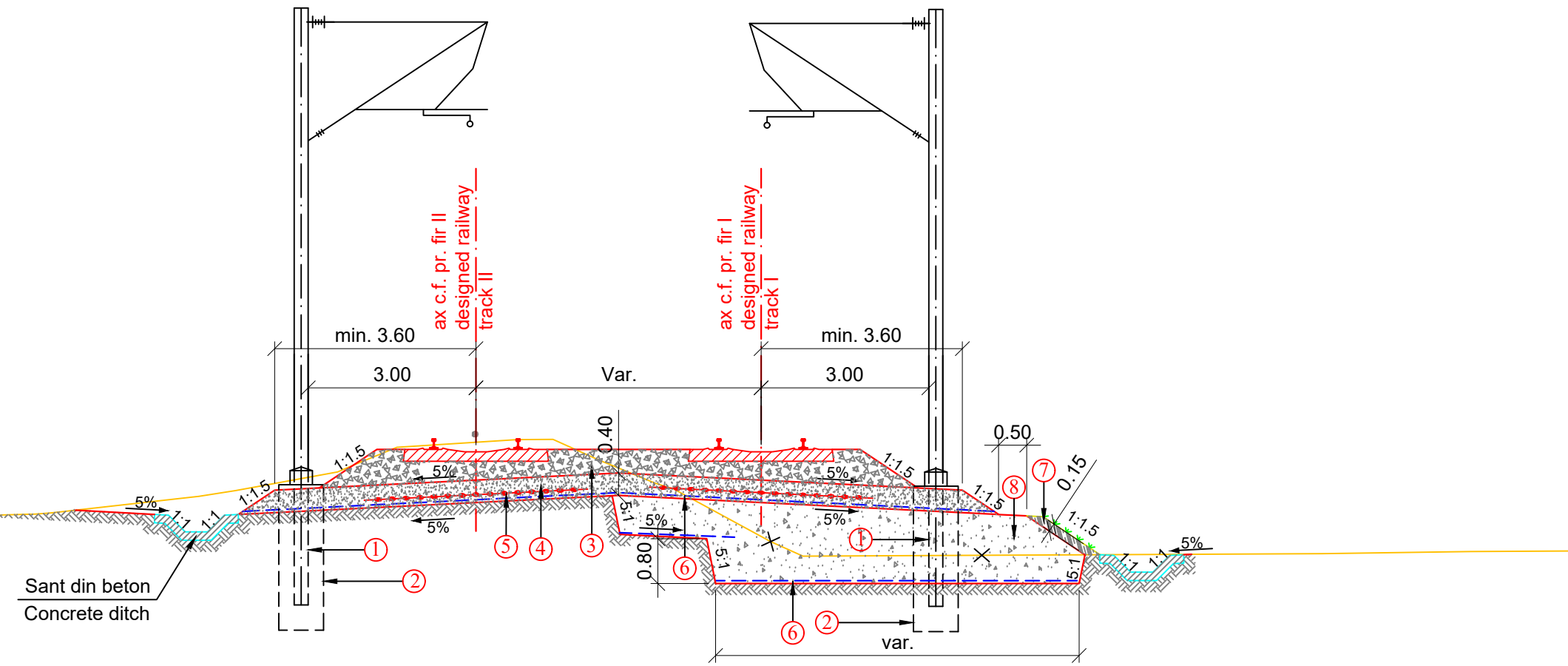
km 311+050.00 - km 311+350.00
km 311+650.00 - km 312+450.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogriile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material

CLIENT / CLIENT C.N.C.F. "C.F.R." - S.A.																			
CONSULTANT / CONSULTANT																			
<i>Faza Phase</i>	<i>Positia Position</i>	<i>Nume Name</i>	<i>Data Date</i>	<i>Semnatura Signature</i>															
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020																
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020																
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020																
SUBCONSULTANT / SUBCONSULTANT																			
Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible																		
Întocmit Elaborated	Proiectant Designer																		
Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes				<i>Proiect/Project</i> 74 / 2018															
				<i>Faza/Phase</i> S.F.															
Denumire / Title :																			
PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK RAMBLEU SI SANT DE BETON STANGA + DREAPTA C.F. FILLING AND CONCRETE DITCH ON LEFT-SIDE AND RIGHT-SIDE OF THE RAILWAY LINE																			
<i>Codificare / Codification System</i>																			
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	2	7	1
<i>Istoricul reviziilor / Revision History</i>																			
<i>Rev.</i>	<i>Data/Date</i>	<i>Descriere Modificare / Modification description</i>																	
1	09.2020	Modificari conform adresa nr.11/2/504/2020																	
2																			
3																			
4																			
Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate. The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.																			

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU SI SANT DE BETON STANGA + EXTINDERE SI SANT DE BETON DREAPTA C.F.
 FILLING AND CONCRETE DITCH ON LEFT-SIDE + EXTENSION AND CONCRETE DITCH ON THE
 RIGHT-SIDE OF THE RAILWAY LINE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

BUTOIESTI - STREHAIA km 307+250.00 - km 307+350.00	IABLANITA - CRUSOVAT km 420+050.00 - km 420+250.00	CIOCHIUTA - TIMNA km 318+580.00 - km 318+750.00 km 319+250.00 - km 321+250.00 km 321+450.00 - km 321+650.00 km 322+050.00 - km 323+650.00 km 324+050.00 - km 324+250.00
STREHAIA - CIOCHIUTA km 310+935.00 - km 311+050.00 km 315+350.00 - km 316+050.00 km 316+650.00 - km 316+950.00	SLATINA TIMIS - VALISOARA km 457+250.00 - km 457+450.00 km 458+250.00 - km 458+350.00	TIMNA - IGIROASA km 326+050.00 - km 329+250.00
	VALISOARA - BALTA SARATA km 463+650.00 - km 464+050.00 km 466+250.00 - km 466+390.00 km 467+650.00 - km 467+850.00 km 468+750.00 - km 468+850.00	
	BALTA SARATA - CARANSEBES km 470+350.00 - km 470+450.00 km 471+350.00 - km 471+550.00 km 471+950.00 - km 472+050.00 km 473+150.00 - km 473+350.00	

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogridurile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Întocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare
 Craiova - Drobeta Turnu Severin - Caransebes,
 parte a Coridorului Orient/Est Mediteranean -
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
 74 / 2018
 Faza/Phase
 S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU SI SANT DE BETON STANGA + EXTINDERE SI SANT DE BETON DREAPTA C.F.
 FILLING AND CONCRETE DITCH ON LEFT-SIDE + EXTENSION AND CONCRETE DITCH ON THE
 RIGHT-SIDE OF THE RAILWAY LINE

Codificare / Codification System

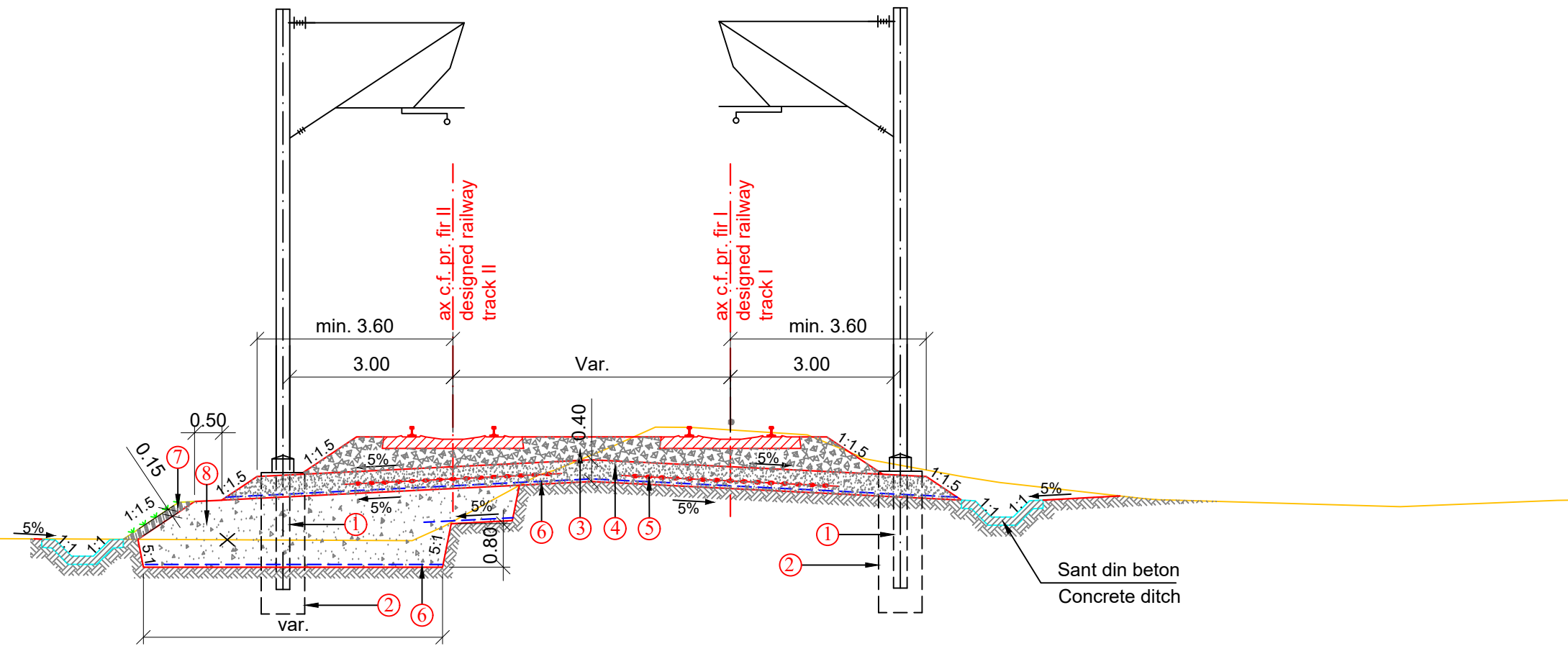
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 2 8 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU SI SANT DE BETON DREAPTA + EXTINDERE SI SANT DE BETON STANGA C.F.
 FILLING AND CONCRETE DITCH ON THE RIGHT-SIDE + EXTENSION AND CONCRETE DITCH ON
 THE LEFT-SIDE OF THE RAILWAY LINE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

ISALNITA - COTOFENI

km 264+450.00 - km 264+550.00
km 264+650.00 - km 264+750.00
km 266+050.00 - km 266+150.00
km 266+350.00 - km 266+450.00

COTOFENI - RACARI

km 277+750.00 - km 277+850.00

GURA MOTRULUI - BUTOIESTI

km 295+050.00 - km 295+150.00
km 295+250.00 - km 295+350.00
km 296+350.00 - km 296+450.00
km 297+650.00 - km 297+950.00

STREHAIA - CIOCHIUTA

km 314+050.00 - km 314+250.00
km 314+350.00 - km 314+450.00

CIOCHIUTA - TIMNA

km 318+950.00 - km 319+150.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible
Întocmit Elaborated	Proiectant Designer

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare
 Craiova - Drobeta Turnu Severin - Caransebes,
 parte a Coridorului Orient/Est Mediteranean -
 Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
 74 / 2018
 Faza/Phase
 S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU SI SANT DE BETON DREAPTA + EXTINDERE SI SANT DE BETON STANGA C.F.
 FILLING AND CONCRETE DITCH ON THE RIGHT-SIDE + EXTENSION AND CONCRETE DITCH ON
 THE LEFT-SIDE OF THE RAILWAY LINE

Codificare / Codification System

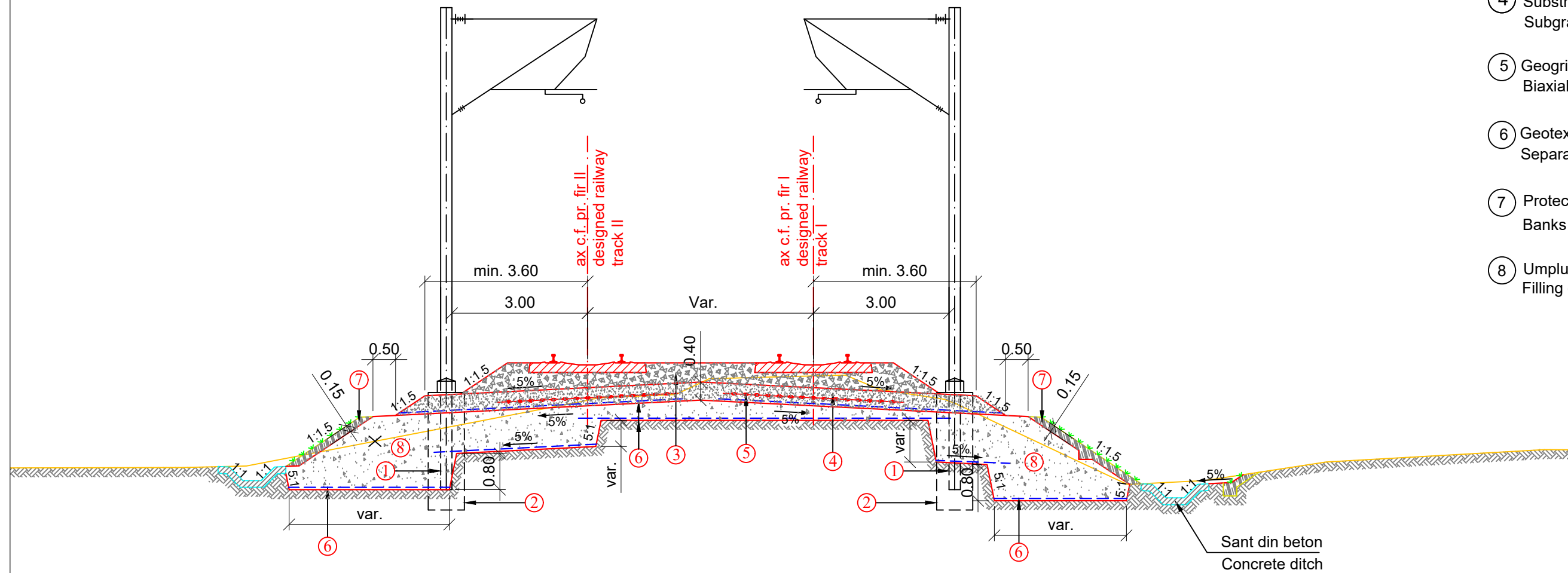
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 2 9 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU, SANT DE BETON SI EXTINDERE STANGA SI DREAPTA C.F.
 FILLING, CONCRETE DITCH AND EXTENSION ON THE LEFT-SIDE AND THE RIGHT-SIDE OF THE RAILWAY LINE
 SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

CIOCHIUTA - TIMNA



km 319+150.00 - km 319+250.00
km 321+250.00 - km 321+450.00


BALTA SARATA - CARANSEBES

km 473+350.00 - km 473+450.00




LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogrilile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT **C.N.C.F. "C.F.R." - S.A.**

CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare Craiova - Drobeta Turnu Severin - Caransebes, parte a Coridorului Orient/Est Mediteranean - Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :
 PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
 RAMBLEU, SANT DE BETON SI EXTINDERE STANGA SI DREAPTA C.F.
 FILLING, CONCRETE DITCH AND EXTENSION ON THE LEFT-SIDE AND THE RIGHT-SIDE OF THE RAILWAY LINE

Codificare / Codification System

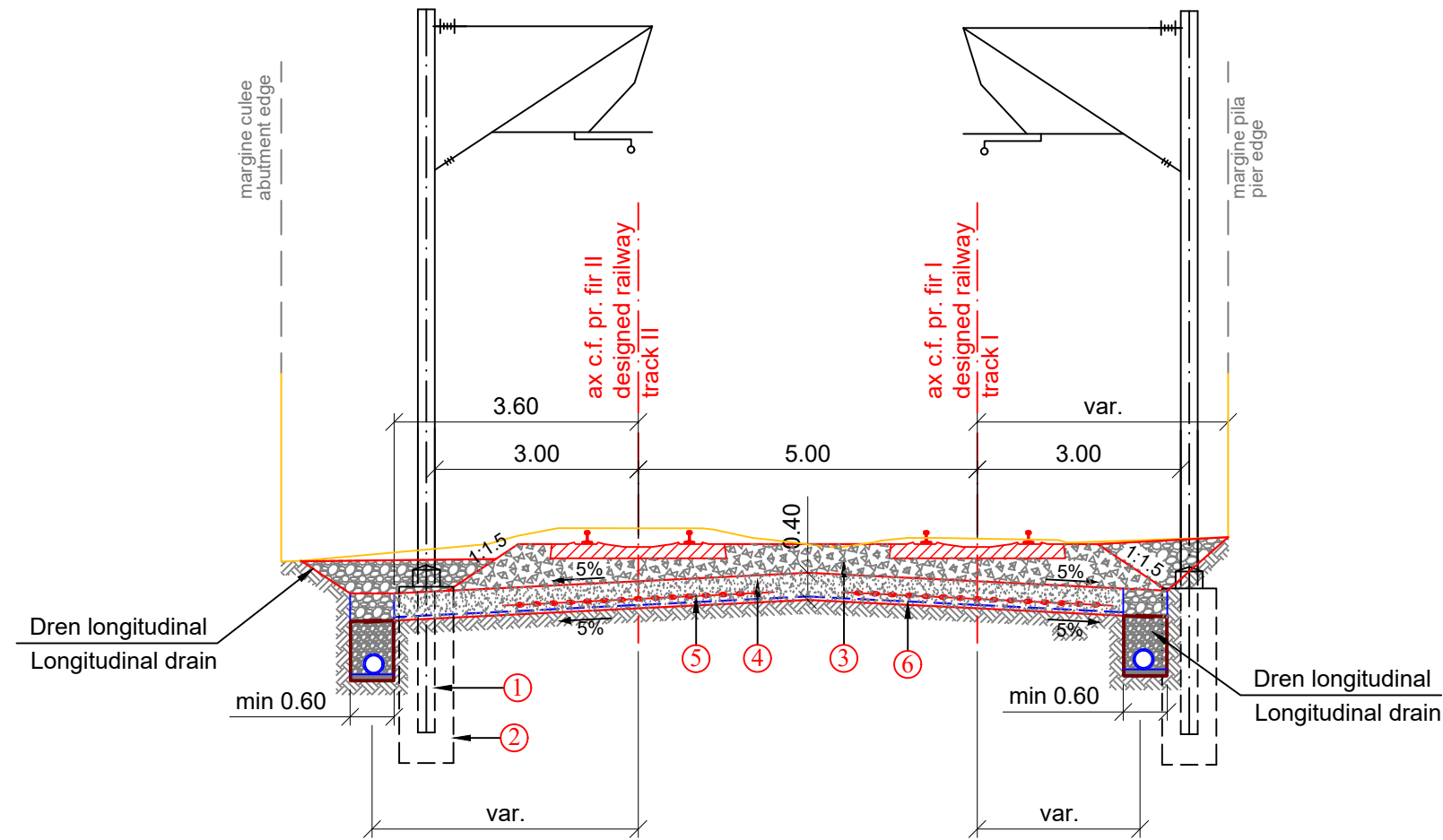
E	2	1	8	0	S	F	0	0	W	A	T	R	X	0	0	0	3	0	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
 The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
DRENURI LONGITUDINALE STANGA + DREAPTA C.F., INCLUSIV IN DREPTUL PASAJELOR SUPERIOARE
LONGITUDINAL DRAINS ON THE LEFT-SIDE AND THE RIGHT-SIDE OF THE RAILWAY LINE,
INCLUDING / SIMILARLY NEAR THE OVER-PASSES
SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

FILIASI - GURA MOTRULUI

km 290+950.00 - km 291+150.00

km 291+650.00 - km 291+795.00

BUTOIESTI - STREHAIA

km 305+740.00 - km 305+840.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogridurile biaxiale
Biaxial geogrids
- ⑥ Geotextil separat
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare
Craiova - Drobeta Turnu Severin - Caransebes,
parte a Coridorului Orient/Est Mediteranean -
Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP CALE DUBLA / TYPICAL CROSS PROFILE FOR DOUBLE TRACK
DRENURI LONGITUDINALE STANGA + DREAPTA C.F., INCLUSIV IN DREPTUL PASAJELOR SUPERIOARE
LONGITUDINAL DRAINS ON THE LEFT-SIDE AND THE RIGHT-SIDE OF THE RAILWAY LINE,
INCLUDING / SIMILARLY NEAR THE OVER-PASSES

Codificare / Codification System

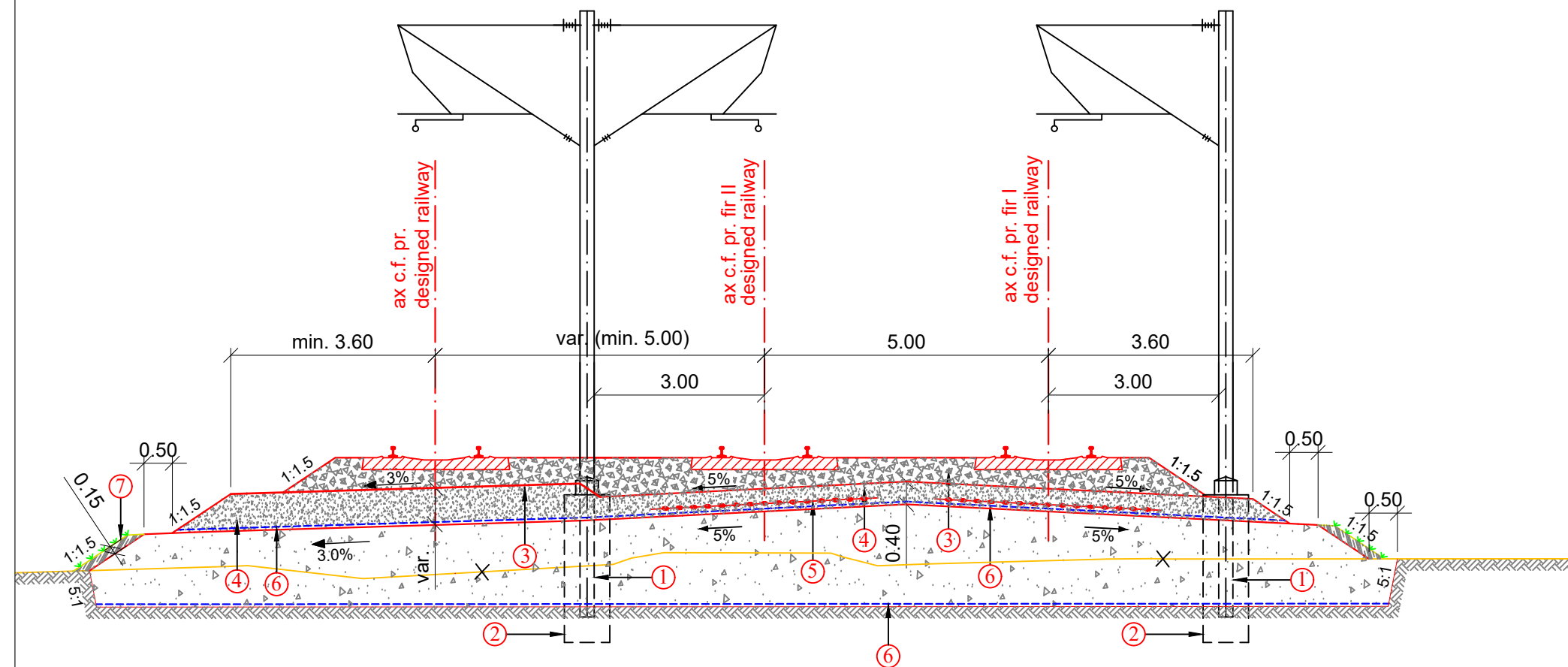
E 2 1 8 0 S F 0 0 W A T R X 0 0 0 3 1 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.

PROFIL TRANSVERSAL TIP / TYPICAL CROSS PROFILE
RIDICARE DE NIVELETA, MIC RAMBLEU CU 3 LINII C.F.
LEVEL RISE, SMALL FILLING WITH 3 RAILWAY LINES
SCARA / SCALE 1:100



INTERVALE KILOMETRICE / KILOMETER INTERVALS

STATIA IGIROASA

km 330+260.00 - km 331+000.00

IGIROASA - PRUNISOR NOU

km 331+000.00 - km 333+000.00

STATIA DROBETA TURNU SEVERIN EST

km 357+000.00 - km 359+325.00

LEGENDA/LEGEND

- ① Stalp electrificare
Electrification pole
- ② Fundatie stalp electrificare
Electrification pole foundation
- ③ Piatra sparta
Crushed stone
- ④ Substratul caii
Subgrade
- ⑤ Geogridurile biaxiale
Biaxial geogrids
- ⑥ Geotextil separatie
Separating geotextile
- ⑦ Protectie taluz cu pamint vegetal
Banks protection with vegetal soil
- ⑧ Umplutura din material necoeziv
Filling out of non-cohesive material



CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.



CONSULTANT / CONSULTANT

Faza Phase	Positia Position	Nume Name	Data Date	Semnatura Signature
Aprobat Approved	Manager de Proiect Project Manager	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	Sergio MENICHINI	09.2020	<i>[Signature]</i>
Intocmit Elaborated	Proiectant Designer	Simona ENACHE	09.2020	<i>[Signature]</i>

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Intocmit Elaborated	Proiectant Designer			

Studiu de Fezabilitate pentru Reabilitarea liniei feroviare
Craiova - Drobeta Turnu Severin - Caransebes,
parte a Coridorului Orient/Est Mediteranean -
Feasibility Study For The Rehabilitation Of The Railway Line Craiova - Caransebes

Proiect/Project
74 / 2018
Faza/Phase
S.F.

Denumire / Title :

PROFIL TRANSVERSAL TIP / TYPICAL CROSS PROFILE
RIDICARE DE NIVELETA, MIC RAMBLEU CU 3 LINII C.F.
LEVEL RISE, SMALL FILLING WITH 3 RAILWAY LINES

Codificare / Codification System

E 2 1 8 0 S F 0 0 W A T R X 0 0 0 3 2 1

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
1	09.2020	Modificari conform adresa nr.11/2/504/2020
2		
3		
4		

Responsabilitatea privind această publicație revine integral autorului. Uniunea Europeană nu este responsabilă pentru modul în care sunt utilizate informațiile publicate.
The contents of this publication are the sole responsibility of (name of the implementing partner) and do not necessarily reflect the opinion of the European Union.