

NOTA

- Prezentul plan s-a intocmit pe baza urmatoarelor date:
 - plan de situatie;
 - plan de layout;
 - profil in lung;
 - profil transversal;
 - calcul hidrologic;
 - date culesse pe teren.
- Podul corespunde la convoaiele de calcul UIC (LM71 si SW/2).
- Noul pod are urmatoarea alcaturire:
 - suprainstructura: tablier din grinzi metalice inglobate in beton, pentru cate dublu;
 - infrastructura: culei din beton armat, fundate direct.
- Daca la executie se vor constata neconcordanțe între situatia existenta pe teren si cea din proiect se va anunta proiectantul.
- La executie se vor respecta cu strictete prevederile din "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat, Partea 1: Producerea betonului", indicativ NE 012/1-2007 si "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat, Partea 2: Executarea lucrarilor din beton", indicativ NE 012/2-2010, iar verificarea calitatii lucrarilor si recepționarea lor se va face conform normativului C56-1985.
- Construcția se încadrează în categoria de importanță B (construcții de importanță deosebită), modelul 1 de asigurare a calitatii si clasa de importanță B, conform HG 766/1997.
- Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2.

NOTE

- This plan has been drawn up based on the following data:
 - Lay-out Plan;
 - Longitudinal Profile;
 - Cross-section Profile;
 - Hydraulic determination;
 - Field Data.
- Bridge convoys calculation corresponds to UIC (LM71 and SW/2).
- The new bridge has the following structure:
 - Superstructure: metallic girders embedded in concrete, with concrete box, for double track;
 - Infrastructure: abutments and reinforced concrete, with direct foundation.
- The execution will strictly comply with the provisions of "Practice code for concrete production NE 012/1-2007" and "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 2: The execution of concrete works," NE 012/2-2010, and the quality and the reception of the works shall be made accordingly to Norm C 56-1985.
- In case during the execution there will be found out any discrepancies between the existing situation on site and in project, the designer will be announced.
- The construction is classified in the B category of importance. Special importance constructions, model 1 for quality ensuring according to HG 766/97.
- The project will be checked to comply with the requirements A4.2; B2.2; D2.2.

FORAJ/DRILL nr.3F07"
Km.Ex. 198+333
Sc 1:100

TITLUL PLANȘEI / PLAN TITLE																			
PLANURI TIP LA PODURI																			
COD/CODE																			
a	b	c	d	e	f	h	j	g	i	k									
E	A	5	1	0	1	E	0	0	Q	K	P	V	0	0	0	0	0	3	0
DETAILS FOR WATERPROOFING AND JOINT COVERING				DETALII HIDROIZOLATII SI ROSTURI															

N.S.S. Pr. ±0.00(487.220)
N.S.S. Ex. -0.79(486.430)

-1.73 Umplutura din praful argilos, cafeeniu, sfaramicios, omestesc cu piatra sparta si nisip
Clayey powder filling, brown, brittle, with stone and gravel

-2.43 Nisip fin gros, cenușiu, uscat, indusare mijocie
Fine sand powder, dry, wet, medium stocky.

-3.53 Argila proafosa, cenușie-negricioasa, plastic consistentă, cu aspect de ml
Dusty clay, gray-black, plastic consistence, like mud

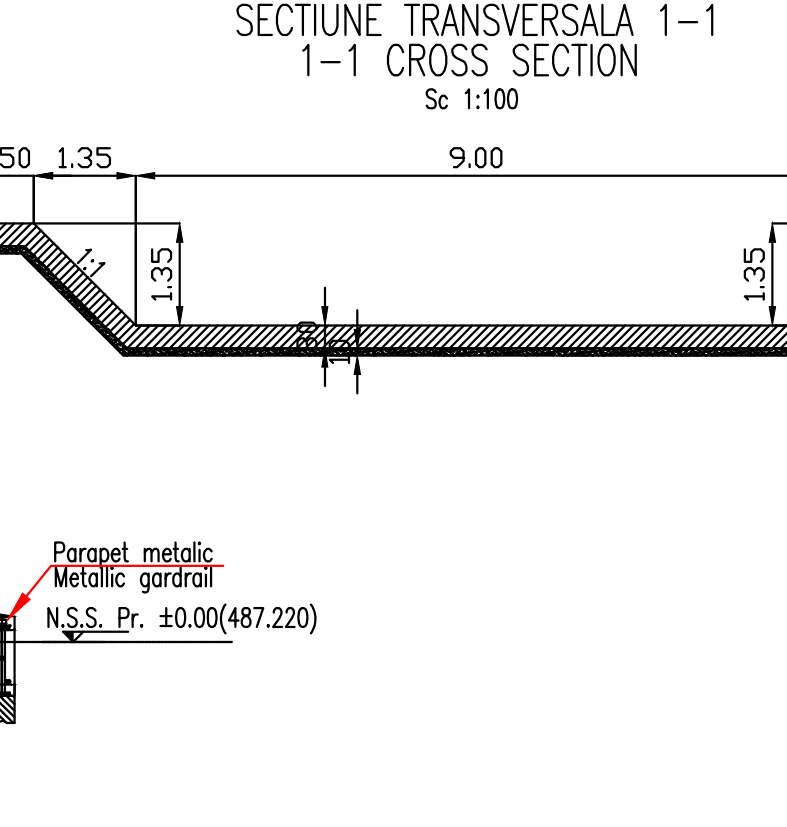
Apa/Water

-6.93

-7.33 Pietris cu nisip, cafeeniu, saturat, indusare mijocie, de la 8.57m cenușiu
Gravel with sand, brown, saturated, medium stocky.

-9.23 -frază 8.57m gri
Nisip neuniform, cenușiu, cu pietris mic, saturat, cu indusare mijocie, de la 11.57m refuleaza
Uneven sand brown, with small gravel, saturated, with medium stocky,

-10.7 saturat, with medium stocky;
Oprit sondajul/Pull off



DATE HIDRAULICE	
-Inaltimea de apain podet:	h=1.07m
-Perimetrul udat:	P=11.04m
-Aria udata=	A=9.89m ²
-Viteza de curgere apa=	V=5.47m/s

HYDRAULIC DATA	
-Hydraulic height:	h=1.07m
-Perimeter:	P=11.04m
-Surface=	9.89m ²
-Water flow speed=	V=5.47m/s

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Index	Date	Modification/Revision	Projectant Designer	Approved Consultant	Approved CFR
D					
C					
B					
A	11.2011	Revisia 1 1 Revision	Secu Andrei Razvan	Approbat Consultant	Approbat CFR

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CFR

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

CLIENT / CLIENT

ITALFER
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott
Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT				
Approved	Project manager	R. Liuzza	Date	Semn tur Signature
Approved	Section 1 Coordinator	C. Gambelli		
Verified	Expert Chief	V.Kalidromitis		
Checked	Key Expert			

SUBCONTRACTANT / SUBCONTRACTOR				
Approved	Responsible Subcontractant Subcontractant Responsible	A. Dinulescu Stanciu	09.2011	Signature
Elaborated	Projectant Designer	Secu Andrei Razvan <td>09.2011</td> <td></td>	09.2011	

Reabilitarea liniei de cale ferata din cadrul coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Brașov - Sighișoara
Rehabilitation of the railway line Brașov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Brașov - Sighișoara

Proiect/Project
2004/RO/16/PPA/003

Faza / Phase:
P.Th. / T.D.

Denumire desen / Drawing Title :
INTERVAL / SECTION FELDIOARA - APATA
POD Km 198+228.430 - D=11.00m- DISPOZITIE GENERALA
Bridge Km 198+228.430 - GENERAL LAYOUT

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No
E A 5 1 0 1 C 0 8 P A P V 0 1 1 0 0 0 2 1	1:100		01/01