

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

NSS PR.+/-0.00(488.800m)Designed URL
NSS EX.-2.37(486.430m) Existing URL

Umplutura din praf argilos, cafeniu, sfaramicios, in amestec cu piatra sparta si balast
Clayey powder filling, brown, brittle, with stone and gravel

Nisip fin prafos, cenuziu, umed, indesare mijlocie
Fine sand powder, grey, wet, medium stocky

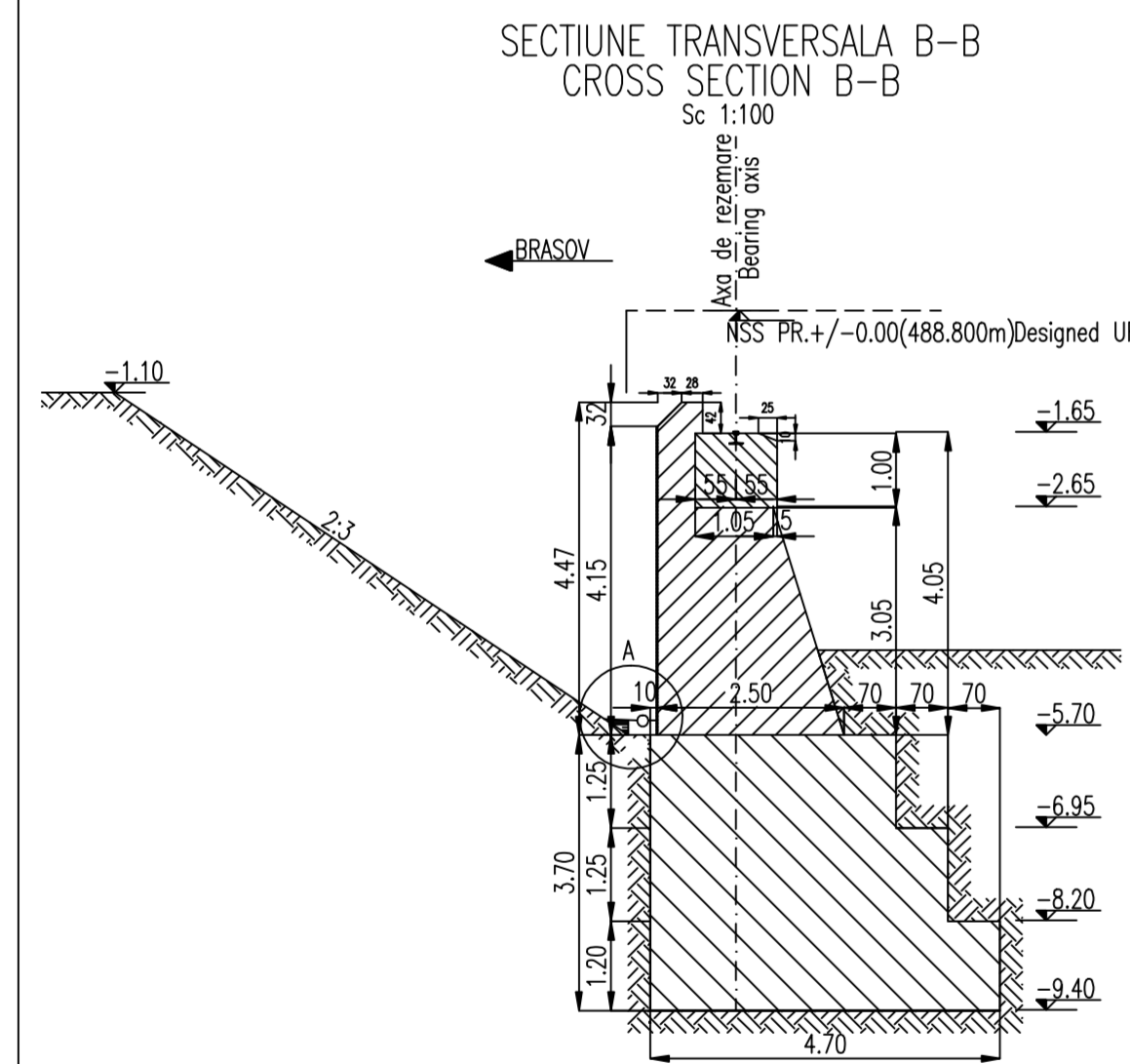
Argila proaosa, cenusie-negricioasa, plastic consistenta, cu aspect de mal
Dusty clay, gray-black, plastic consistence, like mud

Apa/Water

Pietris cu nisip, cafeniu, saturat, indesare mijlocie;
-de la 8.57m cenuziu
Gravel with sand, brown, saturated, medium stocky;
-from 8.57m gray

Nisip neuniform, cenuziu, cu pietris mic, saturat, cu indesare mijlocie;
-de la 11.57m refuleaza
Uneven sand, brown, with small gravel, saturated, with medium stocky;

Oprit sondajul/Pull off



DETALIU "A"/DETAIL "A"
scara 1:20

SISTEM DE DRENARE A APELOR DIN SPATELE CULELOR
SYSTEM FOR DRAINAGE THE WATER FROM BEHIND THE ABUTMENTS

Umplutura din material drenant
Filling with drainage material

Membrana hidroizolanta
Waterproofing membrane

Geodren
Geo-drain

Geotextil
Geo-textile

Teava de dren din PVC
Ø150mm partial perforata
PVC drainage pipe Ø150mm partially perforated

Umplutura cu material impermeabil
Filling with waterproofing material

Fundatie dren din beton C16/20
Concrete C16/20 in drainage foundation

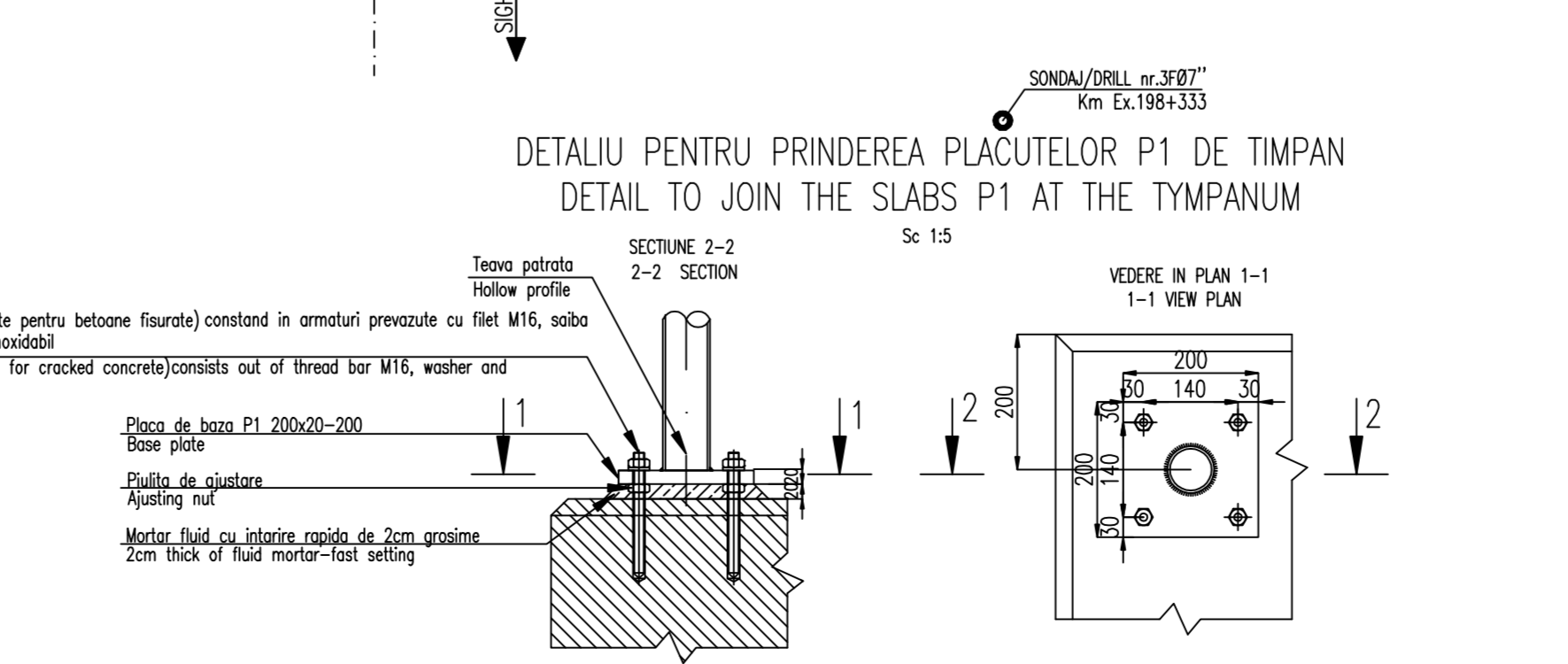
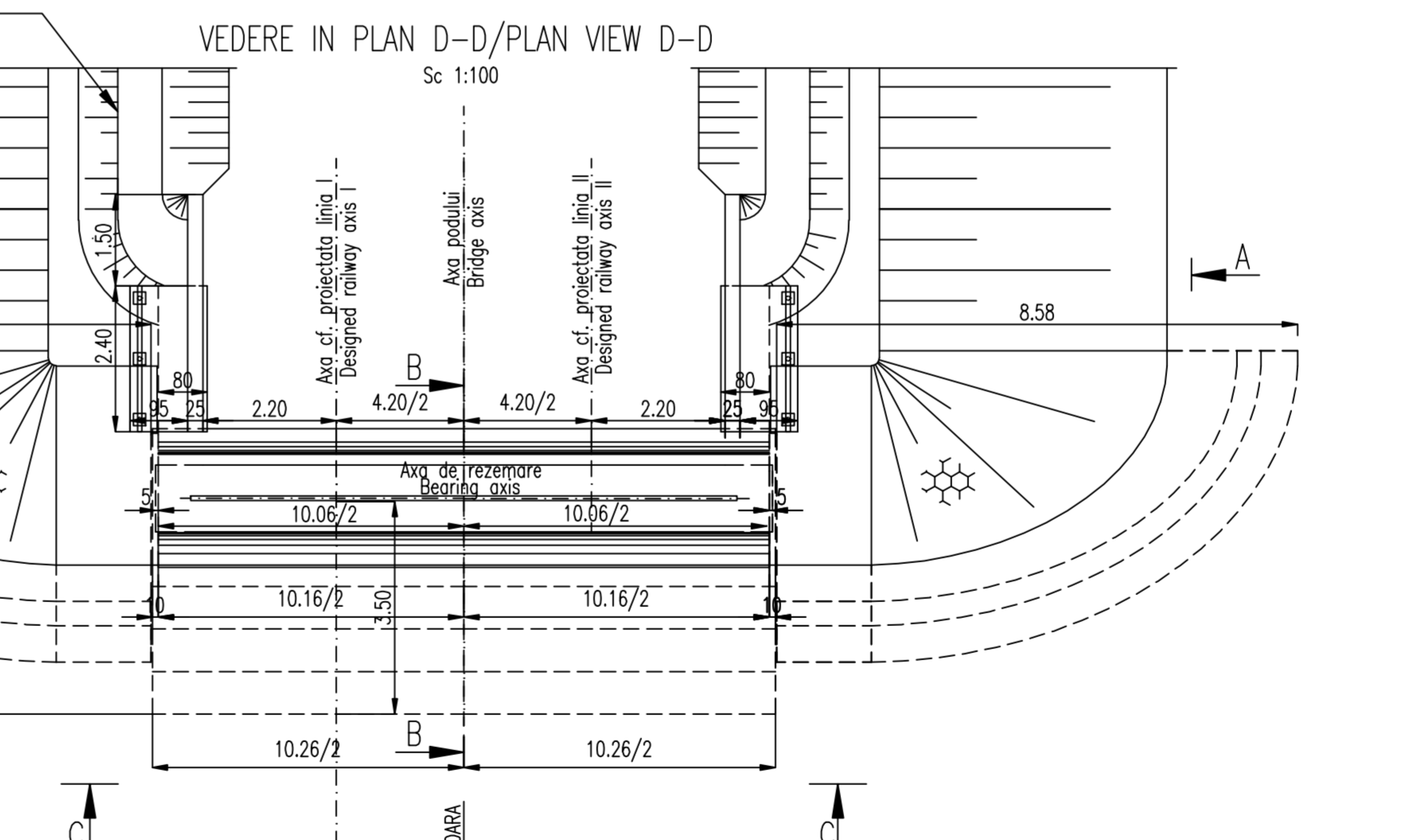
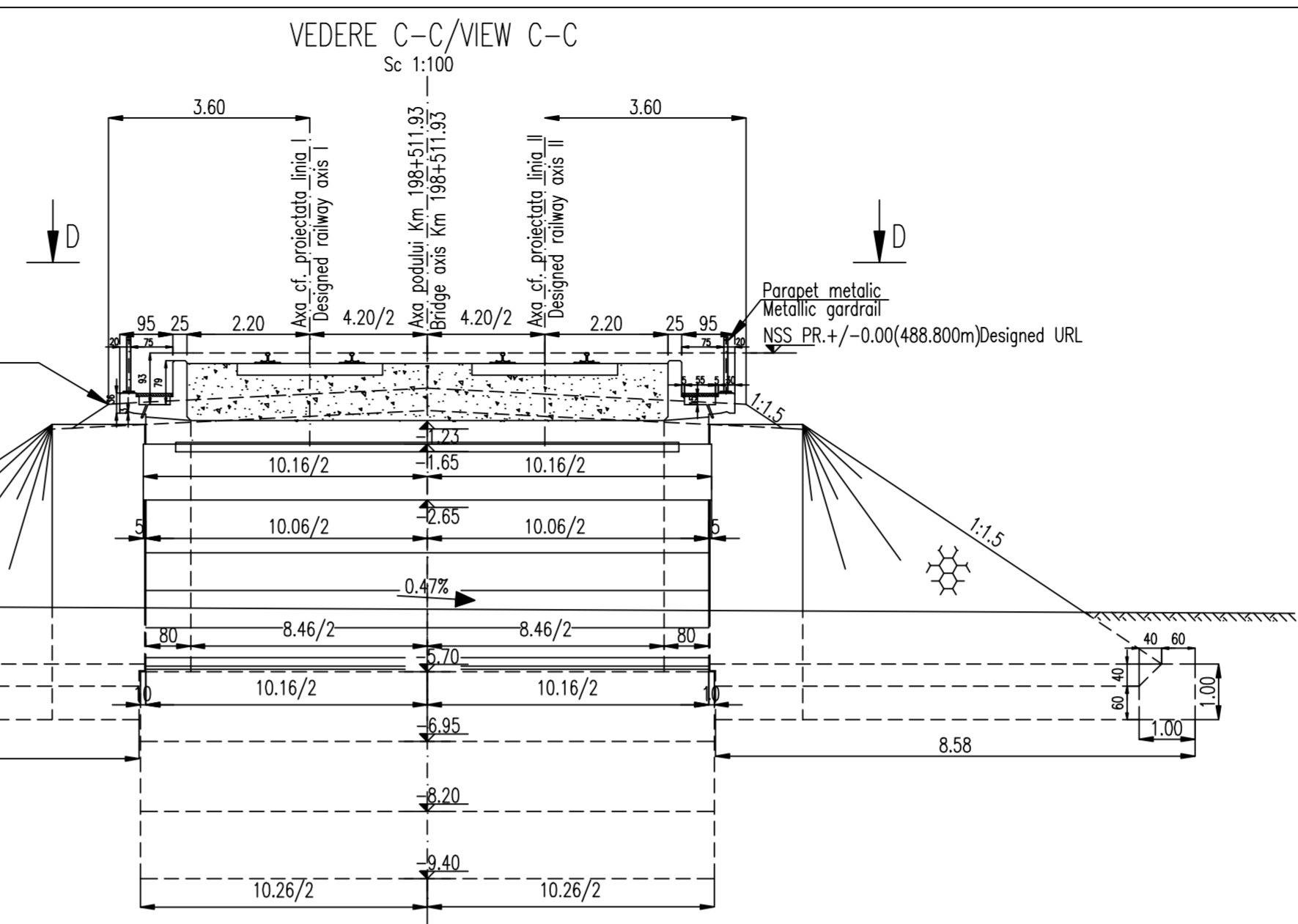
Fara perforatii
Without holes

NOTA

- Prezentul plan s-a intocmit in conformitate cu dispozitia generala.
- Executia partilor superioare ale cuzinetilor, amplasate deasupra banchetei cuzinetilor, se va face numai dupa procurarea aparatelor de reazem. Nivelele superioare ale cuzinetilor se vor stabili dupa procurarea aparatelor de reazem, in functie de inaltimele fiecarui tip de aparat. Executia zidurilor intoarse si a zidului de garda se va face dupa asezarea tablierului pe reazeme.
- Podul corespunde la convoaiele de calcul UIC(LM 71 si SW/2).
- 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 receptionarea 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 și 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 according to the general disposition.
- The upper parts of the bearing placed over the bearing seat shall be built only after the procurement of the bearing blocks, the upper level of the bearings shall be established after the procurement of the bearing blocks depending on the height of the each bearing block type. The reverted walls and the guard wall shall be carried out after putting the desk on the supports.
- The bridge corresponds to the UIC determination convoys (LM71 and SW/2).
- The execution will strictly comply with the provisions of "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 1: 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.
- The construction has been classified in B category of importance (high important constructions), model 1—ensuring the quality and class of importance B according to G.O. 766/97.
- The project will be checked in order to comply with the A4.2; B2.2; D2.2 requirements.



LEGENDA BETOANELOR/CONCRETE LIST

- Beton armat in bancheta cuzinetilor
Reinforced concrete in the cushions and cushions bench
C 35/45-CEM I/A-S 52,5-(XC+XF3+XK2)-A/C=0,50-D₁₆-Cl 0,20
- Beton armat in elevatie si in zidurile intoarse
Reinforced concrete in the elevation infrastructure and reverted walls
C 25/30-Ciment H II/A-S 42,5-(XF3)-A/C=0,50-D₁₂-Cl 0,20
- Beton simplu in fundatii
Plain concrete in abutments foundations:
C 25/30-Ciment H II/A-S 42,5-(XF3)-A/C=0,50-D₁₂-Cl 0,20
- Beton in stratul de protectie al hidroizolatiei
Concrete in the protection layer of the waterproofing
C 25/30-Ciment II/A-S 32,5-(XC+XF3)-A/C=0,50-D₁₆-Cl 0,20

In cazul in care temperatura in timpul turnarii este scazuta, se vor folosi cimenturile cu rezistenta initiala mare, R si aditivi acceleratori, iar in cazul turnarii pe timp calduros, cimenturile cu rezistenta initiala uzuala, N si aditivi intarziatori (conf. NE 012/2-2010 si tabelului 2 din SR EN 197-1:2002)

When the temperature during the casting is low, cements with high initial resistance, R and accelerating additives shall be used and when it is cast during warm weather, cements with common initial resistance, N and delaying additives shall be used (according to the norm NE 012/2-2010 and table 2 for the SR EN197-1:2002).

ATENTIE/ATENION

Aprovizionarea aparatelor de reazem se va face inaintea executarii cuzinetilor si a banchetei acestora. In cazul in care inaltimea aparatelor de reazem aprovizionate difera fata de cea considerata in proiect se vor modifica inaltimele pe reazem corespunzator cu noile aparate.

The bearing blocks shall be supplied before building the bearings and their seats. In case the height of the supplied bearing blocks differs from that given in the project, the heights on the seats shall be adjusted so as to comply with the new devices.

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D					
C					
B					
A	11.2011	Revizie 1 1 Revizor	Olar Mihai Adrian	Aprobat Consultant	Aprobat CFR
Index	Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved 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		OBERMEYER PLANEN + BERATEN GmbH	
		ITALFERR GRUPPO FERROVIE DELLO STATO Joint Venture leader		TECNIC Consulting Engineers	
		CONSULTANT / CONSULTANT		Data	Semnatura
Aprobat	Approved	Sef proiect Project manager	R. Liuzza		
Aprobat	Approved	Coordonator Sectiune 1 Section 1 Coordinator	C. Gambelli		
Verificat	Checked	Expert Cheie Key Expert	V.Kallidromitis		
		SUBCONTRACTANT / SUBCONTRACTOR			
Aprobat	Approved	Responsabil Subcontractant Subcontractant Responsible	A. Dinulescu Stanciu	08.2011	
Elaborat	Elaborated	Proiectant Designer	Olar Mihai Adrian	08.2011	
		Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h, Tronsoanel: Brasov - Sighisoara		Project/Project 2004/RO/18/PPA/003	
		Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Brasov - Sighisoara		Faza / Phase: P.Th. / T.D.	
		Denumire desen / Drawing Title :			
		INTERVAL / SECTION FELDIOARA - APATA			
		Pod Km198+511.930 - PLAN COFRAJ CULEI Bridge Km 198+511.930 - ABUMENTS FORMWORK PLANE			
Codificare / Codification System		Scara / Scale 1:100 1:20 1:5	LOT / LOT	Nr. / No 01 / 01	
EA51		01	E	08	BB
PV		01	2	2	004
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