



**NOTA:**  
 1. Prezentul plan s-a intocmit in conformitate cu dispozitia generala  
 2. La executie se vor respecta cu strictete prevederile NORMATIVULUI NE 012/2-2010 Cod de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat-(partea I -beton si beton armat).  
 3. Verificarea calitatii constructiei si receptionarea lucrarilor ascunse se vor face conform Normativului C 56-85.  
 4. Convoiuil de calcul pentru infrastructura este UIC (LM71 si SW/2).  
**NOTE:**  
 1. This plan has been drawn up according to the general disposition.  
 2. During the works the provisions in NORM 012/2-2010: Practice Code for concrete, reinforced concrete and pre-stressed concrete walls (part 1 -concrete and reinforced concrete).  
 3. The works quality checking and their acceptance shall be made according to Norm C56-1985.  
 4. The infrastructure complies with the calculation convey UIC (LM71 si SW/2).

**ATENTIE/ATTENTION**  
 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.

**ATENTIE/ATTENTION**  
 Cotele din paranteza apartin pilei 3 de pe linia II.  
 The rates of bracket maintained to pier 3 of railway II.

**LEGENDA BETOANELOR/CONCRETE LIST**

|  |   |
|--|---|
|  | Beton armat in cuzineti si in bancheta cuzinetilor<br>Reinforced concrete in the cushions and cushions bench<br>C 35/45-CEM I/A-S 52,5-(XC4+XF3+XA2)-A/C=0,50-D <sub>max</sub> 16-CI 0,20   |
|  | Beton armat in fundatii indirecte(coloane si radiere) si in elevati:<br>Plain concrete in abutments foundations:<br>C 25/30-CEM H I/A-S 42,5-(XC4+XF3)-A/C=0,50-D <sub>max</sub> 32-CI 0,20 |
|  | Beton de egalizare<br>Concrete in the protection layer of the waterproofing<br>C 25/30-CEM I/A-S 32,5-(XF3)-A/C=0,55-D <sub>max</sub> 16-CI 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 cald, 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 EN 197-1: 2002).

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|       |         |                                     |              |                        |                                    |
|-------|---------|-------------------------------------|--------------|------------------------|------------------------------------|
| D     |         |                                     |              |                        |                                    |
| C     |         |                                     |              |                        |                                    |
| B     |         |                                     |              |                        |                                    |
| A     | 12.2011 | Revizie 1<br>1 Revision             | Dinu Andreea | Proiectant<br>Designer | Aprobat Consultant<br>Approved CFR |
| Index | Date    | Modificari<br>Modification/Revision |              |                        | Aprobat CFR<br>Approved CFR        |

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ  
 EUROPEAN UNION FINANCED PROJECT  

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

**CONSULTANT / CONSULTANT**

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|---------------------|--|-------------------|-------------|-----------------------|
| Aprobat / Approved  | Sef proiect / Project manager                  | ipxqc;R. Liuzza   | Data / Date | Semnatura / Signature |
| Aprobat / Approved  | Coordonator Sectiune 1 / Section 1 Coordinator | ipxqc;C. Gambelli |             |                       |
| Verificat / Checked | Expert Cheie / Checking Expert                 | V.Kalidromitis    |             |                       |

**SUBCONTRACTANT / SUBCONTRACTOR**

|                       |   |                           |         |  |
|-----------------------|---|---------------------------|---------|--|
| Aprobat / Approved    | ipxqc;Responsabil Subcontractant / Subcontractant Responsible | ipxqc;A. Dinulescu Stancu | 11.2011 |  |
| Intocmit / Elaborated | Proiectant / Designer   | Dinu Andreea              | 11.2011 |  |

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maximă de 160 km/h, Tronsoanel: Braşov - Sighisoara  
 Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Braşov - Sighisoara  
 Proiect/Project 2004/RO/16/P/PA/003  
 Faza / Phase: P.Th. / T.D.

Denumire desen / Drawing Title:  
 INTERVAL / SECTION RACOS-CATA  
 VIADUCT L=413.70m km 232+366.738/PLAN COFRAJ PILA 3 LINIA 1 SI LINIA 2  
 VIADUCT L=413.70m km 232+366.738/PIER 3 FORMWORK PLAN RAILWAY 1 AND 2

Codificare / Codification System: Scara / Scale 1:100, LOT / LOT, /No 01/01

E A 5 1 0 1 E 1 2 B B P V 0 2 3 2 0 1 1 1