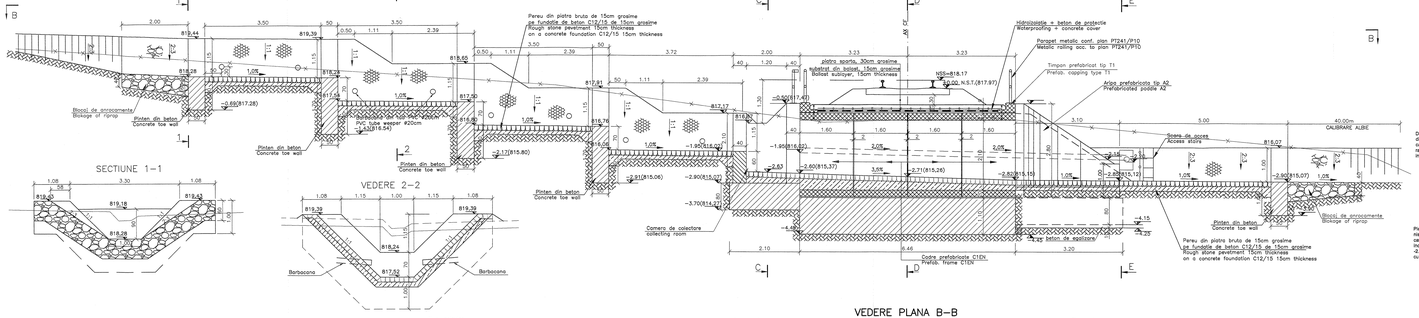
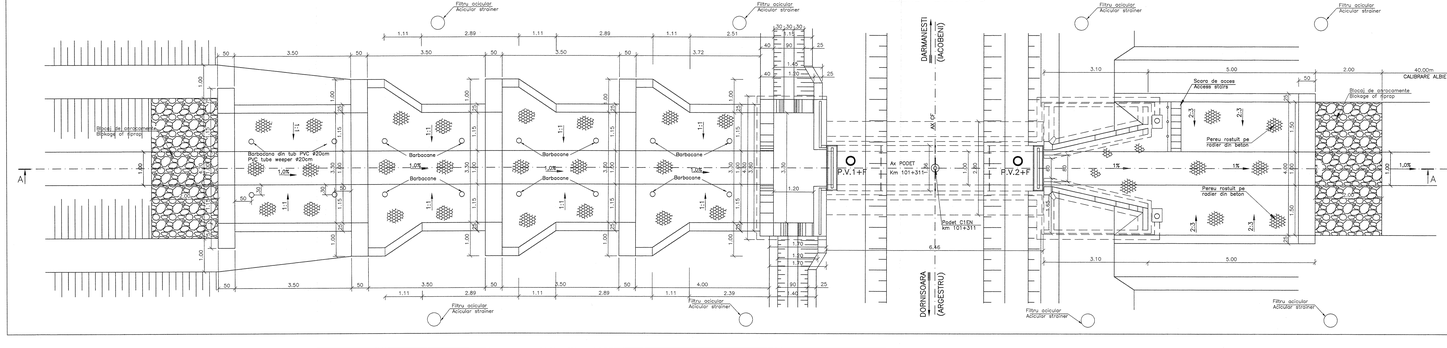
SECTIUNE LONGITUDINALA A–A



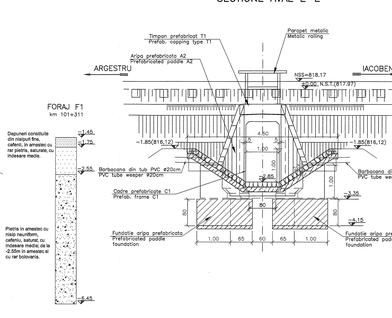
SECTIUNE 1–1

VEDERE 2–2

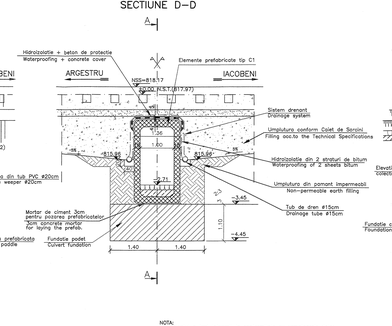
VEDERE PLANA B–B



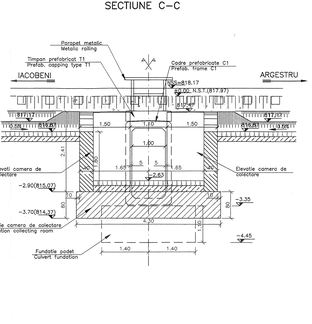
SECTIUNE AVAL E–E



SECTIUNE D–D



SECTIUNE C–C



Tehnologia de punere a prefabricatelor:
-sub placile prefabricate se astern 2cm de mortar de ciment pentru nivelare si 1cm pentru rostuire;
-prefabricatele se aseaza in amplasament, dupa care se ridica si se observa urma lasata pe stratul de mortar proaspat, in caz ca urma nu a-a realizat oseacarea pe toata suprafata, se completeaza cu mortar de ciment de pasta;
-Operatia se repeta pana cand se obtine rezemarea pe toata suprafata.

Prefabricated elements laying tehnology:
-2cm cement mortar for levelling and 1cm for laying are placed on the hardened foundation concrete;
-the prefabricated elements are placed on site, after than there are rising and the track leaved on the fresh mortar layer is observed, if the laying is not done on the whole surface, cement mortar is cast on.
The operation is repeated till the whole supporting surface is obtained.

LEGENDA BETOANELOR:
CONCRETE LEGEND:

- Beton in elemente prefabricate C35/45, expunere XC4+XF3+XA1 (RO), A/C=0,50, agregate D_{max} 16, Ciment CEM I 42,5, consistenta S3
  Concrete in prefabricated elements C35/45, exposure XC4+XF3+XA1 (RO), A/C=0,50, aggregates D_{max} 16, Cement CEM I 42,5, consistency S3
- Beton in elevatii camerei de colectare C25/30, expunere XC4+XF1(RO), A/C=0,50, agregate Dmax 32, Ciment CEM III/A 32,5, consistenta S3
  Elevation concrete of the collecting room C25/30, exposure XC4+XF1(RO), A/C=0,50, aggregates Dmax 32, Cement CEM III/A 32,5, consistency S3
- Beton de protectie a hidroizolatiei C25/30, expunere XC4+XF3+XM2(RO), A/C=0,50, agregate D_{max} 16, Ciment CEM II 32,5, consistenta S3
  Concrete for protection of waterproofing C25/30, exposure XC4+XF3+XM2(RO), A/C=0,50, aggregates D_{max} 16, Cement CEM II 32,5, consistency S3
- Beton simplu in fundatie podet, fundatie camera de colectare, pinteri C25/30, expunere XC4+XF3 (RO), A/C=0,55, agregate D_{max} 32, ciment CEM III/A 32,5, consistenta S2
  Simple concrete in culvert foundation, collecting room foundation, spurs C25/30, exposure XC4+XF3 (RO), A/C=0,55, aggregates D_{max} 32, cement CEM III/A 32,5, consistency S2
- Beton beton de egalizare si in stratul suport pentru perau, C12/15, expunere XC4+XF3(RO), A/C=0,55, agregate D_{max} 32, Ciment CEM II 32,5, consistenta S2
  Leveling concrete also in the support layer for pitching, C12/15, exposure XC4+XF3(RO), A/C=0,55, aggregates D_{max} 32, Cement CEM II 32,5, consistency S2

NOTA:
1. Proiectul a fost intocmit in conformitate cu urmatoarele date:
   – studiu topografic terestru;
   – studiu geotehnic;
   – ridicare topo;
   – expertiza tehnica elaborata de S.C. CONSIS PROIECT.
2. Pentru a asigura trecerea apelor, avand in vedere situatia din teren o fost stabilita urmatoarea solutie tehnica:
   – albia se descontinueaza si se cobooara pentru a permite scurgerea debitului.
   – cobrarea albiei se face in amonte si aval;
   – podetul existent se va inlocui cu un podet nou, prefabricat tip C1En;
   – in amonte se va executa o camera de colectare din beton al o racordare la teren cu trepte.

NOTE:
1. The project will be executed conforming with the following data:
   – informations on the field;
   – geotehnical study;
   – topographic survey;
   – technical expertise;
2. The following works are to be executed for ensuring the water drainage:
   – the riverbed must be excavated and clened;
   – riverbed calibration;
   – existing culvert will be replaced with new prefab culvert type C1EN
   – upstream will be executed a concrete chamber for connection.

1. Constructia se incadreaza in categoria B de importanta: Constructi de importanta deosebita, modelul 1 de asigurare a calitatii conform HG 766/1997.
2. Proiectul va fi verificat la exigentele A4, B2, D2.

1. This structure belongs to category B of importance: Constructions of structure model 1 of quality, complying with GD 766/1997.
2. The project will be verified at A4, B2, D2 requirements.

No.	Date	Modificare / Modification
B		
A		

BENEFICIAR / BENEFICIARY: AUTORITATEA DE IMPLEMENTARE / IMPLEMENTING AUTHORITY
ROMANIAN RAILWAY NATIONAL COMPANY

AUTORITATEA CONTRACTANTA / CONTRACTING AUTHORITY
Ministerul Economiei si Finantelor (Oficiul de Plati si Contabilitate Prima)
Ministry of Economy and Finances Prima Payments & Contabilty Office

Contract nr. / Contract number: 2007/RO/16/P/PT/001

Pagina / Page: Pagini / Pages: PT+nr.DO 241 / 93

FOR Transport
COHIS PROIECT
LUCRAREA EUROPEANA / Project financed by EUROPEAN UNION
2007- 2013

Intocmit / Designed	Ing. Razvan Sterie	Scara / Scale:	1:50
Verificat / Checked	Ing. Ioan Dachin		
Coordonator / Coordinator		Data / Date:	05.2009
Sef echipa / Team leader	Ing. Stelian Vara-Oros		

PORTOFOLIU DE PROIECTE PHARE DIS 2007 / PHARE DBS 2005 PROJECTS PORTFOLIO

Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru tunelul si podul de sub Bariera
Technical assistance for preparing rehabilitation works required by railway tunnels and bridges

Titlu / Title: Podet / Culvert km 101+311
SUBCOLTE DESENELLA GENERAL LAYOUT

Cod Proiect / Drawing Code: PT 241 | P03