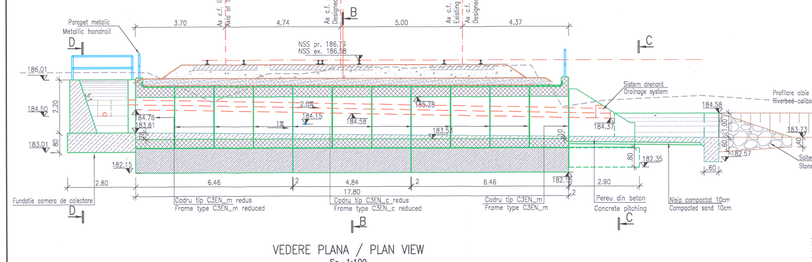
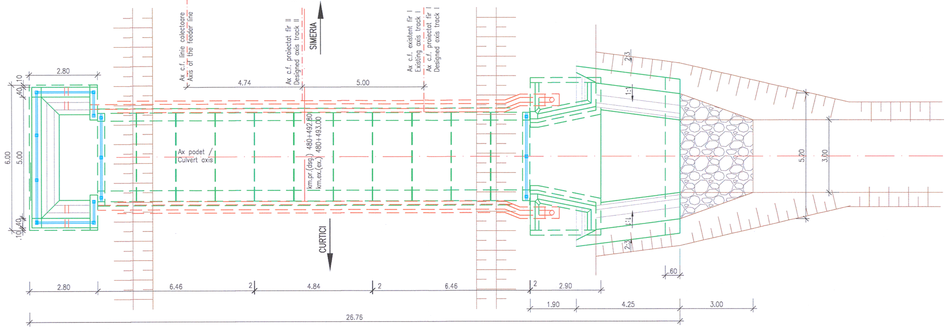
SECTIUNE LONGITUDINALA A–A / LONGITUDINAL SECTION A–A

Sc. 1:100



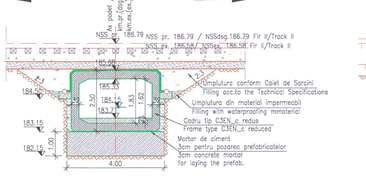
VEDERE PLANA / PLAN VIEW

Sc. 1:100



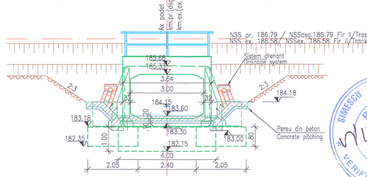
SECTIUNE B–B / SECTION B–B

Sc. 1:100



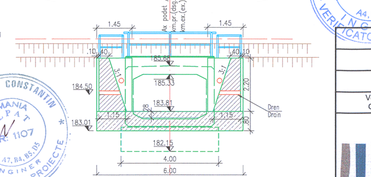
SECTIUNE C–C / SECTION C–C

Sc. 1:100



SECTIUNE D–D / SECTION D–D

Sc. 1:100



LEGENDA BETOANELOR/CONCRETE LEGEND
conform NE 012-1:2007/SR EN 206-1

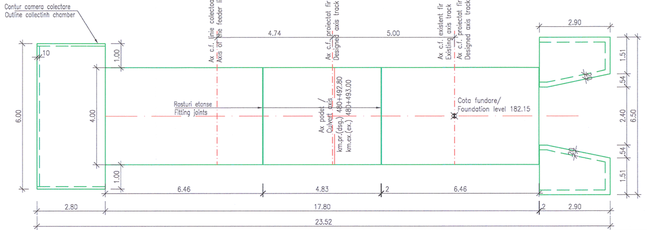
- BETON C35/45 – Clasa de expunere XC4+XF3+XD1, agregate D_{max} 22.
  ELEMENTE PREFABRICATE/PREFABRICATED ELEMENTS
- BETON C25/30 – Clasa de expunere XC4+XF1+XM1, agregate D_{max} 16.
  SAPA DE PROTECTIE A HIDROIZOLATIEI/ WATERPROOFING PROTECTION
- BETON C25/30 – Clasa de expunere XC4+XF3+XA1–PEREU; XC2+XF1+XA1–FUNDATII DIRECTE agregate D_{max} 22.
  PEREU SI FUNDATII DIRECTE/PITCHING AND DIRECT FOUNDATIONS
- BETON C16/20 – Clasa de expunere XO+XF3, agregate D_{max} 16.
  DREN, BETON DE PANTA, DE EGALIZARE SI SCARI DE ACCES
  DRAINAGE, SLOPE, LEAN CONCRETE AND ACCESS STAIRS

1. Conform H.G. 766/1997 lucrarea se incadreaza in categoria "B" a constructiilor de importanta deosebita.
2. Proiectul va fi verificat de verificatori atestati MLPAT la exigentele A.4, B.2 si D.2.
1. Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
2. The project will be verified at A.4, B.2 and D.2 requirements.

NOTA:
Pentru trasarea lucrarilor se vor folosi ca repere in plan axele liniilor c.f. iar ca repere de nivel cota NSS 186.79 proiectat pe linia I
NOTE:
For the mapping out of the works there will be used as landmarks in plan the axis of the railways and as benchmarks for level the ULR 186.79 dsg. level on track I.

PLAN FUNDATIE / FOUNDATION PLAN

Sc. 1:100



NOTA:
1. Prezentul plan s–a intocmit in baza urmatoarelor date:– ridicarea topografica;– studiu hidraulic;– studiu geotehnic.
2. La executie se vor respecta cu stricitate prevederile din "Codul de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat",indicativ NE012, NE013–2002 din "Instructiunile tehnice privind procedeele de remediere a defectelor pentru elementele de beton si beton armat" indicativ C149–87,din "Normativul pentru verificarea calitatii si recepcia lucrarilor de constructii aferente" indicativ C56–85 si a Caietului de Sarcini.
3. Pentru construcctia podetului se vor executa urmatoarele lucrari:
   - Inlocuirea podetului existente, in ceelalt amplasament, cu un podet nou tip C3EN cu inaltimea totala de 2.50 metri;
   - Racordarea podetului nou cu terasamentele cu camera de colectare in amonte si cu aripi prefabricate tip A1EN in oval
   - Parapet din teava metalica pe timpane;
   - Protectia albiei in zona podetului cu perea din beton;
   - Impermeabilizatea suprafetelor de beton vazute.

NOTE:
1. This plan has been drawn up on the basis of the following data:– topo layout;– the hydraulic study;– geo–technical study
2. There will be strictly respected the provisions from "Practice code for plain concrete, reinforced concrete and prestressed concrete works execution" ind. NE012, NE013–2002 "Practice code for plain concrete, reinforced concrete and prestressed concrete prefabricated elements execution" ind. NE013–2002, from "Technical instructions regarding the fixing procedures for concrete and reinforced concrete elements" C149–87, from "Normative for quality checking and works reception for different construction" ind. C56–85 and Technical Specifications of this project.
3.In view of executing the culvert, the next works will be executed:
   - Replacement of the existing culverts, on the same location with a new culvert type C3EN with the height of 2.50 meters.
   - Connection of the new culvert to the embankments with the upstream collection chamber and downstream precast wings type A1EN
   - Parapet made out of metallic pipe on the tympans
   - Riverbed protection in the area of the culvert by help of a concrete pitching ;
   - All the visible concrete surfaces will be waterproofed.

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS										
ACOPERIRE ROSTURI ELEMENTE PREFABRICATE JOINTS COVERING PRECAST ELEMENTS	P	T	0	3	0	2	0	P	O	0 0 1
HIDROIZOLATIE SI SISTEM DE DRENARE PODETE WATERPROFING AND DRAINAGE SYSTEM CULVERTS	P	T	0	3	0	2	0	P	O	0 0 2
PARAPET METALIC PODETE METALLIC HANDRAIL CULVERTS	P	T	0	3	0	2	0	P	O	0 0 3
PLAN COFRAJ ARIPA TIP A1EN SHUTTERING PLAN WING A1EN TYPE	P	T	0	3	0	2	0	P	O	0 1 3
SCARA DE ACCES SI BALUSTRADA METALICA ACCESS STAIRS AND METALLIC BALUSTRADE	P	T	0	3	0	2	0	P	O	0 2 2
FUNDATIE PREFABRICATA PENTRU PODURI PROVIZORII SI DETALII DE REZEMARE PODURI PROVIZORII PREFABRICATED FOUNDATION FOR TEMPORARY BRIDGES AND PROPPING-UP DETAILS FOR TEMPORARY BRIDGES	P	T	0	3	0	2	0	P	O	0 2 3

CONVOI DE CALCUL LM71
CALCULATION CONVOY LM71

Prezentul plan anuleaza si inlocuieste versiunea anterioara
This plan cancels and replaces previous version

Verificator / Expert Checker / Expert	Cerinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY			Data Date	Semnatura Signature
Aprobat Approved	Sef de echipa Team leader	C. Teodorescu	01.2013	
Verificat Checked	Expert Cheie Key Expert	R. Tudorascu	01.2013	
Subcontractant / Subcontractor: YIOTOP				
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Inginer Engineer	S. Amăricăi	01.2013	

"Reabilitarea liniei c.f. Frontier à - Curtici - Simeria , parte componentă a Coridorului IV Pan - European pentru circula ția trenurilor cu viteză maximă de 160 km/h"
Transonul 3: Gurasada - Simeria

"Rehabilitation of the Railway Line Border - Curtici - Simeria , component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"
Section 3: Gurasada - Simeria

Project 9/ 35311.1

Faza / Phase: PTH+CS / TD+TS

Denumire desen / Drawing name:

DISPOZITIE GENERALA/GENERAL LAYOUT
PODET/CULVERT dsg km 480+492.80/ex km 480+493.00

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:100; 1:50	1 / 04.2013	PT.03.02.26.PO.01.03	03