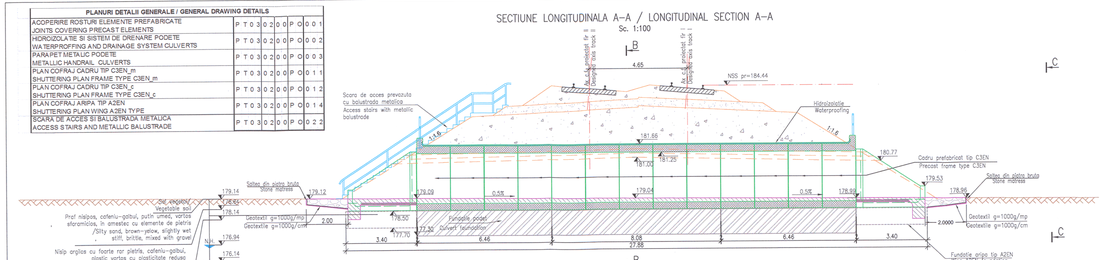
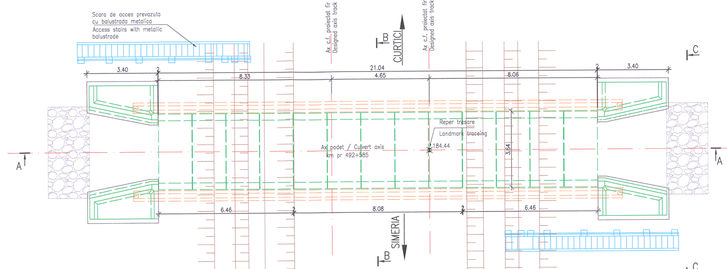
PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS	
ACOPERIRE ROSTURI ELEMENTE PREFABRICATE / JOINTS COVERING PRECAST ELEMENTS	P T 0 3 0 2 0 0 P 0 0 1
HIDROIZOLATIE SI SISTEM DE DRENARE PODETE / WATERPROOFING AND DRAINAGE SYSTEM CULVERTS	P T 0 3 0 2 0 0 P 0 0 2
PARAPET METALIC PODETE / METALLIC HANDRAIL CULVERTS	P T 0 3 0 2 0 0 P 0 0 3
PLAN COFRAJ CADRU TIP C3EN_m / SHUTTERING PLAN FRAME TYPE C3EN_m	P T 0 3 0 2 0 0 P 0 0 1
PLAN COFRAJ CADRU TIP C3EN_c / SHUTTERING PLAN FRAME TYPE C3EN_c	P T 0 3 0 2 0 0 P 0 0 1 2
PLAN COFRAJ ARIPA TIP A2EN / SHUTTERING PLAN WING A2EN TYPE	P T 0 3 0 2 0 0 P 0 0 1 4
SCARA DE ACCES SI BALUSTRADA METALICA / ACCESS STAIRS AND METALLIC BALUSTRADE	P T 0 3 0 2 0 0 P 0 0 2 2

SECTIUNE LONGITUDINALA A–A / LONGITUDINAL SECTION A–A
Sc. 1:100



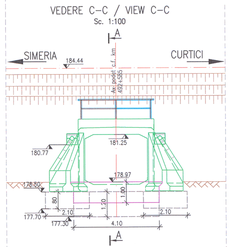
VEDERE IN PLAN/PLANE VIEW
SC 1:100



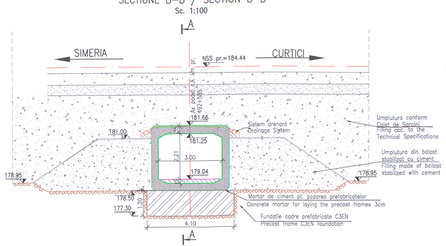
OBSERVATIE: Pe toate suprafetele din beton in contact cu pamantul se vor aplica 2 straturi de emulsie din bitum filerizat.
ATENTIE: All concrete surfaces in contact with soil will be coated with 2 bituminuous layers.

CONVOI DE CALCUL LM71
CALCULATION CONVOY LM71
Elementele prefabricate trebuie sa corespunda cerintelor din SREN 206–1/2002
The precast elements have to observe the requirements specified in SREN 206–1/2002

VEDERE C–C / VIEW C–C
Sc. 1:100

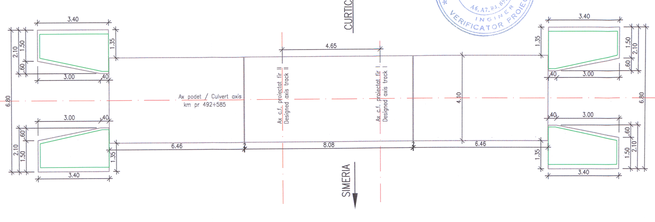


SECTIUNE B–B / SECTION B–B
Sc. 1:100



NOTA:
Pentru trasarea lucrarilor se vor folosi co repere in plan axele (miliar c.f. for co repere de nivel cota NSS 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 deg. level on track I.

Plan trasare fundatii/ FOUNDATION PLAN
Sc. 1:100



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

- BETON C35/45 – Clasa de expunere XC4+XD1+XF3, agregate Dmax 22. ELEMENTE PREFABRICATE/PREFABRICATED ELEMENTS
- BETON C25/30 – Clasa de expunere XC2+XF1+XA1, agregate Dmax 22. FUNDATII DIRECTE/DIRECT FOUNDATIONS
- BETON C25/30 – Clasa de expunere XC4+XF3, agregate Dmax 22. ELEMENTI SI ZIDURI DE SPRIJIN/ELEVATIONS AND RETAINING WALLS
- BETON C25/30 – Clasa de expunere XC4+XF1+XM1, agregate Dmax 16. SAPA DE PROTECTIE A HIDROIZOLATIEI/WATERPROOFING PROTECTION
- BETON C25/30 – Clasa de expunere XC4+XF3+XA1, agregate Dmax 22. PEREU SI SOAR DE ACCES/PAVING, ACCES AND STAIRS
- BETON C16/20 – Clasa de expunere X0+XF3, agregate Dmax 16. DREN, BETON DE PANTA, DE EGALIZARE DRAINAGE, SLOPE, LEAN CONCRETE

NOTA:
1. Prezentul plan s–a intocmit in baza urmatoarelor date:
– ridicarea topografica;
– studiu geotehnic;
2. La executie se vor respecta cu strictete prevederile din "Codul de practica pentru executarea lucrarilor de beton, beton armat si beton precomprimat",indicativ NE 012,NE 013–2002 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 receptia lucrarilor de constructii cferente" indicativ C56–85 si a Caietului de Sarcini.
3. Pentru constructia podetului se vor executa urmatoarele lucrari:
•Executia unui podet nou tip C3EN;
•Reorganarea podetului nou cu terasamentul cu aripi prefabricate tip A2EN;
•Parapet din teava metalica pe timpane;
•Protectia albiei in zona podetului cu pereu din beton;
•Calibrarea albiei la conditiile existente;
•Impermeabilizarea suprafetelor din beton vizibile
4. – Conform H.G. 766/1997 lucrarea se incadreaza in categoria "B" a constructiilor de importanta deosebita;
5. Proiectul va fi verificat de verificatori atestati MLPAT la exigentele A.4, B.2 si D.2.

NOTE:
1. This plan has been drawn up on the basis of the following data:
– topo layout;
– the geotechnical 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 afferant construction" ind. C56–85 and Technical Specifications of this project.
3. In order to execute the culvert, the next works will be carried on:
– Execution of a new culvert type C3EN;
– Connection of the new culvert to the embankments with precast wings type A2EN;
– Parapet made of metallic pipe on the tympans;
– Protection of the riverbed in the area of the culvert by help of concrete pitching;
– Calibration of the riverbed to existing situation;
– coating of visible concrete surfaces.
4. Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
5. The project will be verified at A.4, B.2 and D.2 requirements.

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

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

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY:
COMPANIA NATIONALA 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: VIOTOP

Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Inginer Engineer	T. Nicolaescu	01.2013	

"Reabilitarea liniei c.f. Frontier à - Curtici - Simeria, parte componentă a Coridorului IV Pan - European pentru circula ţia trenurilor cu viteză maximă de 160 km/h"
Tronsonul 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 KM pr.492+585

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr. / No
1:100	1 / 04.2013	PT.03.02.23.PO.10.03	03