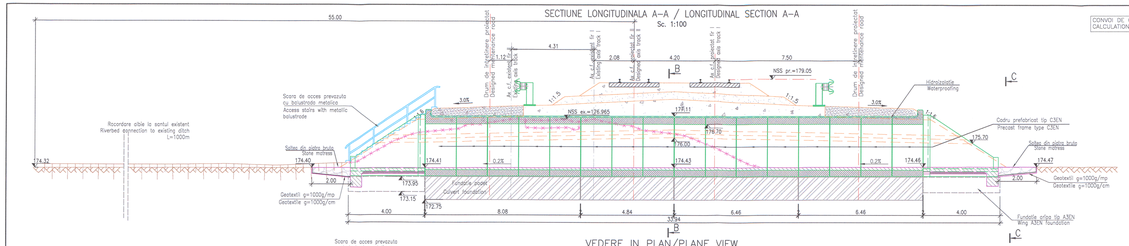
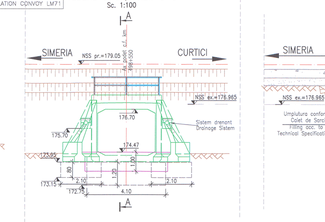
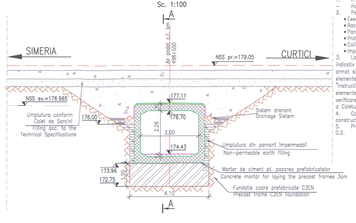


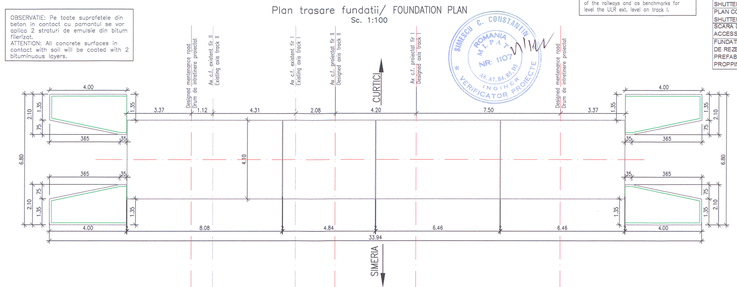
CONVOI DE CALCUL: LM71
CALCULATION CONVOY: LM71



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



NOTA:
Pentru trasarea lucrarilor se vor folosi ca repere in plan axele liniilor c.f. iar ca repere de nivel cotii NSS existenti pe linia I a c.f.
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 esc. level on track I.



NOTA:
1. Prezentul plan s-a intocmit in baza urmatoarelor date:
– ridicarea topografica;
2. Pentru constructia podetului se vor executa urmatoarele lucrari:
• Executia unui podet nou tip C3EN;
• Recordarea podetului nou cu terasamentul cu cirpi prefabricate tip A3EN;
• Parapet din tevea metalica pe timpane;
• Protectia etilei in zona podetului cu perea din beton;
• Colturarea albiei la conditiile existente;
• Impermeabilizarea suprafetelor din beton vizibile
Lucrarile se vor respecta cu atitudine prevederile din SREN 206–1, indicativ NE 012 "Codul de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat", NE 013–2002"Codul de practica pentru executia elementelor prefabricate din beton, beton armat si beton precomprimat", 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 aferente" indicativ C56–85 si Caietul de sarcini.
2. Conform Legii 766/1997 lucrarea se incadreaza in categoria "B" a importantei obiectivelor.
3. Proiectul va fi verificat de verificatori atestati M.P.AI. la exigentele A4, B.2 si D.2.

NOTE:
1. This plan has been drown up on the basis of the following data:
– topo topic;
2. 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 A3EN;
– Parapet made of metallic pipe on the tympana;
– Protection of the riverbed in the area of the culvert by help of concrete pitching;
– Colouration of the riverbed to existing situation;
– Coating all visible concrete surfaces.
3. There will be strictly respected the provisions from SREN 206–1, NE012"Practice code for plain concrete, reinforced concrete and prestressed concrete works execution", NE013–2002 "Practice code for plain concrete, reinforced concrete and prestressed concrete prefabricated elements execution" from C149–87"technical instructions regarding the filing procedures for concrete and reinforced concrete elements", from NE C56–85"Normative for quality checking and works reception for afferent construction" and Technical Specifications of this project.
4. Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
5. The project will be verified at A4, B.2 and D.2 requirements.

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS

ACOPERIRE ROSTURI-ELEMENTE PREFABRICATE JOINTS COVERING PRECAST ELEMENTS	P	T	0	3	0	2	0	0	P	O	0	0	1
HORIZOLATIE SI SISTEM DE DRENARE PODETE WATERPROFFING AND DRAINAGE SYSTEM CULVERTS	P	T	0	3	0	2	0	0	P	O	0	0	2
PARAPET METALIC PODETE METALLIC HANDRAIL CULVERTS	P	T	0	3	0	2	0	0	P	O	0	0	3
PLAN COFRAJ CADRU TIP C3EN_m SHUTTERING PLAN FRAME TYPE C3EN_m	P	T	0	3	0	2	0	0	P	O	0	1	1
PLAN COFRAJ CADRU TIP C3EN_c SHUTTERING PLAN FRAME TYPE C3EN_c	P	T	0	3	0	2	0	0	P	O	0	1	2
PLAN COFRAJ ARIPA TIP A3EN SHUTTERING PLAN WING A3EN TYPE	P	T	0	3	0	2	0	0	P	O	0	1	5
SCARA DE ACCES SI BALUSTRADA METALICA ACCESS STAIRS AND METALLIC BALUSTRADE	P	T	0	3	0	2	0	0	P	O	0	2	2
FUNDATIE PREFABRICATA PENTRU PODURI PROVIZORII SI DETALII DE REZEMBARE PODURI PROVIZORII PREFABRICATED FOUNDATION FOR TEMPORARY BRIDGES AND PROPPING-UP DETAILS FOR TEMPORARY BRIDGES	P	T	0	3	0	2	0	0	P	O	0	2	3

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

- BETON C35/45 – Clase de expunere XC4+XD1+XF3, agregate D_{max} 22 ELEMENTE PREFABRICATE/PREFABRICATED ELEMENTS
- BETON C25/30 – Clase de expunere XC2+XF1+XA1, agregate D_{max} 22. FUNDARI DIRECT/DIRECT FOUNDATIONS
- BETON C25/30 – Clase de expunere XC4+XF3, agregate D_{max} 22. ELEMENTI SI ZIDURI DE SPRIJIN/ELEVATIONS AND RETAINING WALLS
- BETON C25/30 – Clase de expunere XC4+XF1+XW1, agregate D_{max} 16. SAPA DE PROTECTIE A HIDROIZOLATIEI/WATERPROOFING PROTECTION
- BETON C25/30 – Clase de expunere XC4+XF3+XA1, agregate D_{max} 22. PEREU SI SCARI DE ACCES/PITCHING, ACCES AND STAIRS
- BETON C16/20 – Clase de expunere X0+XF3, agregate D_{max} 16. DREN, BETON DE PANTA, DE EGALIERE DRAINAGE, SLOPE, LEAN CONCRETE

BACANEL I. IONUT RADU
ROMANIA
Nr. 07230
AL MEDIULUI
VERIFICATOR PROIECTE

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

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

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NATIONALA DE CAI 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: IOTOP				
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 viteza 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 9i 35311.1

Faza / Phase: PTH+CS / TD+TS

Denumire desen / Drawing name:

DISPOZITIE GENERALA/GENERAL LAYOUT
PODET /CULVERT KM pr.498+550

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr. / No
1:100	1 / 04.2013	PT,03,02,23,PO,18,03	03