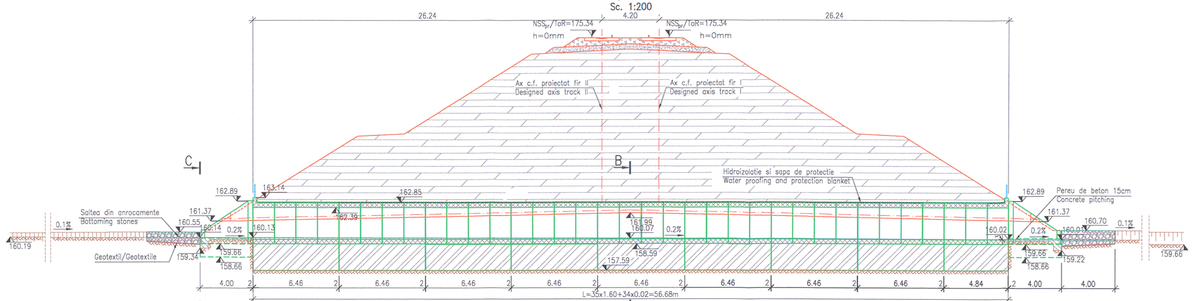
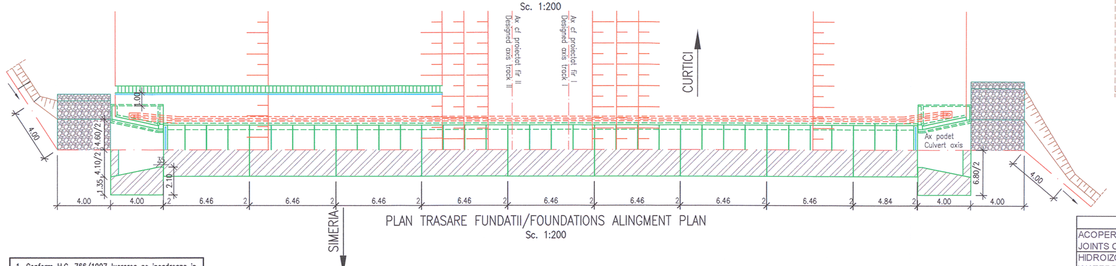
SECTIUNE LONGITUDINALA/LONGITUDINAL SECTION A–A
Sc. 1:200



VEDERE IN PLAN/PLAN VIEW
Sc. 1:200



PLAN TRASARE FUNDATII/FOUNDATIONS ALINGMENT PLAN
Sc. 1:200

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.

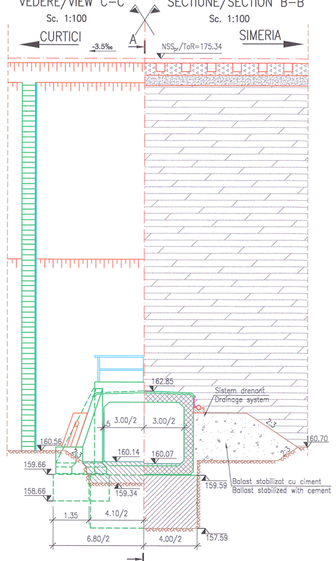
1. Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
2. The project will be verified at A.4, B.2 and D.2 requirements.

CONVOI DE CALCUL LM71
LOADING MODEL LM71

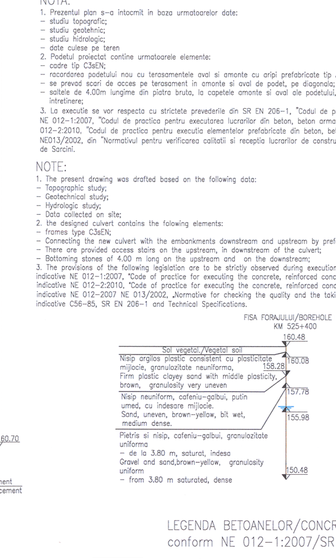
OBSERVATIE: Pe toate suprafetele din beton in contact cu pamantul se vor aplica 2 straturi de emulsie din bitum filerizat.

ATTENTION: All concrete surfaces in contact with soil will be coated with 2 bituminuous layers.

VEDERE/VIEW C–C
Sc. 1:100



SECTIUNE/SECTION B–B
Sc. 1:100



PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS													
ACOPERIRE ROSTURI ELEMENTE PREFABRICATE JOINTS COVERING PRECAST ELEMENTS	P	T	0	2	0	2	0	0	P	O	0	0	1
HIDROIZOLATIE SI SISTEM DE DRENARE PODETE WATERPROFFING AND DRAINAGE SYSTEM CULVERTS	P	T	0	2	0	2	0	0	P	O	0	0	2
PARAPET METALIC PODETE METALLIC HANDRAIL CULVERTS	P	T	0	2	0	2	0	0	P	O	0	0	3
PLAN COFRAJ ARIPA TIP A3EN SHUTTERING PLAN WING A3EN TYPE	P	T	0	2	0	2	0	0	P	O	0	1	5
PLAN COFRAJ CADRU TIP C3S_m SHUTTERING PLAN FRAME TYPE C3S_m	P	T	0	2	0	2	0	0	P	O	0	1	6
PLAN COFRAJ CADRU TIP C3S_c SHUTTERING PLAN FRAME TYPE C3S_c	P	T	0	2	0	2	0	0	P	O	0	1	7

NOTA:
1. Prezentul plan s-a intocmit in baza urmatoarelor date:
– studiu topografic;
– studiu geotehnic;
– studiu hidrologic;
– date culese pe teren
2. Podetul proiectat contine urmatoarele elemente:
– cadre tip C5EN;
– racordarea podetului nou cu terasamentele aval si amonte cu aripi prefabricate tip A3EN;
– se prevad scari de acces pe terasament in amonte si aval de podet, pe diagonala;
– soltele de 4.00m lungime din piatra bruta, la capetele amonte si aval ale podetului, pentru troversarea albiei cu drumul de intretinere;
3. La executie se vor respecta cu strictete prevederile din SR EN 206–1, "Codul de practica pentru producerea betonului", indicativul NE 012–1:2007, "Codul de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat", indicativul NE 012–2:2010, "Codul de practica pentru executia elementelor prefabricate din beton, beton armat si beton precomprimat", indicativul NE013/2002, din "Normativul pentru verificarea calitatii si receptia lucrarilor de constructii aferente" indicativ C56–85 si a Caietului de Sarcini.

NOTE:
1. The present drawing was drafted based on the following data:
– Topographic study;
– Geotechnicol study;
– Hydrologic study;
– Data collected on site;
2. the designed culvert contains the folowing elements:
– frames type C3EN;
– Connecting the new culvert with the embankments downstream and upstream by prefabricated wings type A3EN ;
– There are provided access stairs on the upstream, in downstream of the culvert;
– Bottoming stones of 4.00 m long on the upstream and on the downstream;
3. The provisions of the following legislation are to be strictly observed during execution "Code of practice for execution of concrete", indicative NE 012–1:2007, "Code of practice for executing the concrete, reinforced concrete and prestressed concrete works", indicative NE 012–2:2010, "Code of practice for executing the concrete, reinforced concrete and prestressed pre–cast elements", indicative NE 012–2007 NE 013/2002, „Normative for checking the quality and the taking–over of related construction works" indicative C56–85, SR EN 206–1 and Technical Specifications.

FISA FORAJULUI/BOREHOLE LOG
KM 525+400

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

BETON C35/45 – Clasa de expunere XC4+XD1+XF3, agregate D_{max} 22
ELEMENTE PREFABRICATE/PREFABRICATED ELEMENTS

BETON C25/30 – Clasa de expunere XC2+XF1+XA1, agregate D_{max} 22.
FUNDATII DIRECTE SI FUNDATII PROVIZORII/DIRECT FOUNDATIONS AND TEMPORARY FOUNDATIONS

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, agregate D_{max} 22.
PEREU SI SCARI DE ACCES/PITCHING, ACCES AND STAIRS

BETON C16/20 – Clasa de expunere X0+XF3, agregate D_{max} 16.
DREN, BETON DE PANTA SI DE EGALIZARE
DRAINAGE, SLOPE AND LEAN CONCRETE

RACANEL I. IONUT-RADU
ROMANIA
Nr. 07230
VERIFICATOR PROJECTE

SIMESCU C. CONSTANTIN
ROMANIA
NR. 110
VERIFICATOR PROJECTE

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 VIOTOP

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

"Reabilitarea liniei c.f. Frontier â - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circula ția trenurilor cu viteză maximă de 160 km/h" Transonul 2-C : cap Y Iteu - cap Y Gurasada

"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 2-C : end Y Iteu - end Y Gurasada

Project 9i 35311.1

Faza / Phase: PTH+CS / TD+TS

Denumire desen / Drawing name:
DISPOZITIE GENERALA / GENERAL LAYOUT
PODET / CULVERT KM pr. 525+331

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:200, 1:100	1 / 04.2013	PT.02.02.17.PO.15.03	03