



CONTOI DE CALCUL LM71  
CALCULATION CONTOI LM71

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS

ACOPERIRE ROSTRIURII ELEMENTE PREFABRICATE	P	T	0	2	0	0	P	0	0	1
JOINTS COVERING PRECAST ELEMENTS	P	T	0	2	0	0	P	0	0	0
HIDROIZOLATIE SI SISTEM DE DRENARE PODETE	P	T	0	2	0	0	P	0	0	0
WATERPROOFING AND DRAINAGE SYSTEM CULVERTS	P	T	0	2	0	0	P	0	0	0
PARAPET METALIC PODETE	P	T	0	2	0	0	P	0	0	0
METALLIC HANDRAIL CULVERTS	P	T	0	2	0	0	P	0	0	0
PLAN COFRAJ CADRU TIP C2EN_m	P	T	0	2	0	0	P	0	0	0
SHUTTERING PLAN FRAME TYPE C2EN_m	P	T	0	2	0	0	P	0	0	0
PLAN COFRAJ CADRU TIP C2EN_c	P	T	0	2	0	0	P	0	0	1
SHUTTERING PLAN FRAME TYPE C2EN_c	P	T	0	2	0	0	P	0	0	0
SCARA DE ACCES SI BALUSTRADE METALICA	P	T	0	2	0	0	P	0	0	2
ACCESS STAIRS AND METALLIC BALUSTRADE	P	T	0	2	0	0	P	0	0	2
FUNDATIA PREFABRICATA PENTRU PODURI PROVIZORII SI DETALII	P	T	0	2	0	0	P	0	0	3
DE REZEMARE PODURI PROVIZORII	P	T	0	2	0	0	P	0	0	2
PREFABRICATED FOUNDATION FOR TEMPORARY BRIDGES AND PROPPING-UP DETAILS FOR TEMPORARY BRIDGES	P	T	0	2	0	0	P	0	0	3

NOTE:

- This plan was prepared based on the following data:
  - topographic study, geotechnical study, hydraulic study, data collected on site,
- In order to ensure the water discharge on the area of the new railway designed route, the following works will be executed:
  - the execution of a new railway culvert type C2EN;
  - the connection of the new culvert with the embankments will be carried out upstream and downstream by help of precast monolith wings;
  - The visible surfaces of concrete will be waterproofed;
  - metallic handrail is provided at both ends of the railway culvert;
  - access stairs are provided on the embankment, on one side and the other of the culvert;
  - the riveted will be arranged inside the culvert and between wings with concrete pitching;
  - the existing riveted will be connected upstream and downstream.
- When casing the concrete in the foundations, total joints will be executed. The joints in the foundations will be overlapped with the joints between the precast frames at least every three frames.
- When executing there will be strictly observed the provisions of SR EN 206-1. Code of practice for the execution of concrete, reinforced concrete and prestressed concrete works. Concrete manufacture, indicate NE 012-12007 and NE013/2002, din Normativul pentru verificarea calitatii si receptia lucrarilor de constructii aferente indicativ C56-85 si a Cotelului de Sarcini.
- Conform H.G. 766/1997 lucrarea se incadreaza in categoria "b" a constructiilor de importanta deosebita.
- Proiectul va fi verificat de verificatori clesati MLPAT la exigentele A.4, B.2 si D.2.

PROIECTANT / DESIGNER:

APROBAT / APPROVED

VERIFICAT / CHECKED

SEF DE ECHEPIA / TEAM LEADER

EXPERT CHEIE / KEY EXPERT

Subcontractant / Subcontractor

APROBAT / APPROVED

PROIECTAT / DESIGNED

"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componenta a coridorului IV Tronsoanel 2-A : km 614 - cap Y Barzava

"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"

Denumire desen / Drawing name:

DISPOZITIE GENERALA / GENERAL LAYOUT

POD / BRIDGE KM pr. 590+027 (KM ex. 593+368)

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY:

COMPANIA NATIONALA DE CAI FERATE "CFR" SA

European Investment Bank

PROIECTANT / DESIGNER: PÖYRY

SEF DE ECHEPIA / TEAM LEADER: C. Teodorescu

EXPERT CHEIE / KEY EXPERT: R. Tudorascu

Subcontractant / Subcontractor: VIOTOP

APROBAT / APPROVED: A.M. Baicu

PROIECTAT / DESIGNED: V. Aldescu

"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componenta a coridorului IV Tronsoanel 2-A : km 614 - cap Y Barzava"

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POD / BRIDGE KM pr. 590+027 (KM ex. 593+368)

Scara / Scale: 1:100

Revizia / Revision: 1 / 04.2013

Cod desen / Drawing Code: PT.02.02.06.PO.01.03

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