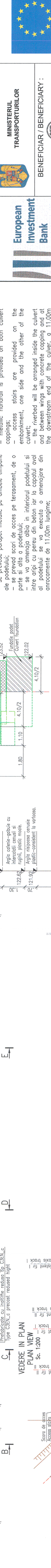
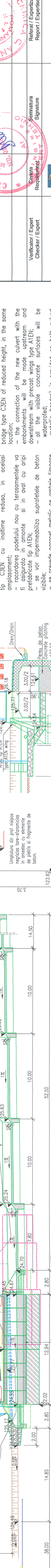


Prezentul plan anuleaza si inlocuieste versiunea anterioara
This plan cancels and replaces previous version

NOTA:
 1. This plan was prepared on the basis of the following data:
 - topographic survey;
 - geotechnical study;
 - hydraulic study;
 - culvert sheet;
 - culvert expertise;
 - data collected from the site.
 2. The following works will be executed for making the new bridge:
 - the existing bridge will be replaced with a new bridge type C3EN of reduced height, in the same location;
 - the connection of the new culvert with the embankments will be made upstream and downstream with precast wings type A1EN;
 - all the visible concrete surfaces will be waterproofed;
 - metallic handrail is provided on both culvert cappings;
 - access stairs are provided on the embankment, one side and the other of the culvert;
 - the riverbed will be arranged inside the culvert and between wings with concrete capping and at the downstream end of the culvert, a 11.00m long riprap arrangement will be made;
 - the riverbed will be calibrated on approximately 120.00m downstream from the culvert to that it connects to the existing duct;
 - upstream, the riverbed will be pitched with concrete on a length of 52.50m in steps of 30cm each and pitched slopes of 1:1, in order to ensure the discharge of water from the road culvert under good conditions.
 3. During the execution, the provisions of SR EN 206-1, NE 012-1: 2007, NE 012-2: 2010, NE013/2002 and C56-85 (C56-2002) and of the technical Specifications will be strictly observed.
 4. According to G.D. 766/1997, the work pertains to category "b" of special importance constructions.
 5. The design will be checked by MLPAT certified checkers at exigencies A.4, B.2 and D.2.

NOTA:
 1. Prezentul plan s-a intocmit in baza urmatoarelor date:
 - ridicare topografica;
 - studiu geotehnic;
 - studiu hidrolic;
 - fisă podetului;
 - expertiza podetului;
 - date culesse pe teren;
 2. Pentru realizarea podetului nou se vor executa urmatoarele lucruri:
 - se va inlocui podetul existent cu un podet nou tip C3EN cu inaltime reduca, in acelasi amplasament;
 - racordarea podetului nou cu terasamentele va fi asigurata in amonte si in aval cu aripi prefabricate tip A1EN;
 - se vor impermeabiliza suprafetele de beton vizibile;
 - se prevede parapet metalic pe ambele timpone ale podetului;
 - se prevad scari de acces pe terasament, de o parte si alta a podetului;
 - se va amenaja albia in interiorul podetului si intre aripi cu peruu din beton iar la capatul aval al podetului se va executa o amenajare din anrocamente de 11,00m lungime;
 - se va calibra albia pe circa 120,00m in aval de podet astfel incat sa se racordeze la canalul existent
 - se va persea cu beton albia in amonte pe o lungime de 52,50m in trepte de cate 30cm si taluze perate de 1:1, pentru asigurarea scurgerii in bune conditii a apelor de la podetul de drum.
 3. La executie se vor respecta cu strictete prevederile din SR EN 206-1, NE 012-1: 2007, NE 012-2: 2010, NE013/2002, si C56-85 (C56-2002) si a Coteiului de Sarcini.
 4. Conform H.G. 766/1997 lucrarea se incheieaza 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.



CONVOI DE CALCUL LM71
 CALCULATION CONVOY LM71

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS

ACOPERIRE ROSTURI ELEMENTE PREFABRICATE	P	T	0	2	0	2	0	0	0	1
JOINTS COVERING PRECAST ELEMENTS	P	T	0	2	0	2	0	0	0	2
HIDROIZOLATIE SI SISTEM DE DRENARE PODETE	P	T	0	2	0	2	0	0	0	3
WATERPROOFING AND DRAINAGE SYSTEM CULVERTS	P	T	0	2	0	2	0	0	0	1
PARAPET METALIC PODETE	P	T	0	2	0	2	0	0	0	1
METALLIC HANDRAIL CULVERTS	P	T	0	2	0	2	0	0	0	1
PLAN COFRAJ CADRU TIP C3EN_m	P	T	0	2	0	2	0	0	0	1
SHUTTERING PLAN FRAME TYPE C3EN_m	P	T	0	2	0	2	0	0	0	1
PLAN COFRAJ CADRU TIP C3EN_c	P	T	0	2	0	2	0	0	0	1
SHUTTERING PLAN FRAME TYPE C3EN_c	P	T	0	2	0	2	0	0	0	1
PLAN COFRAJ ARIPI TIP A1EN	P	T	0	2	0	2	0	0	0	1
SHUTTERING PLAN WING A1EN TYPE	P	T	0	2	0	2	0	0	0	1

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER:

PÖYRY

Semnatura
Signature

Data
Date

01.2013
01.2013

C. Teodorescu
R. Tudorascu

Subcontractant / Subcontractor

VIOTOP

01.2013
01.2013

A.M. Batcu
F. Ioanidi

Project 91
35317.1

Faza / Phase:
PTH+CS / TD+TS

DISPOZITIE GENERALA / GENERAL LAYOUT
PODET / CULVERT KM pr. 597+516 (KM ex. 600+850)

Referat / Expertiza
Report / Expertise

Verificator / Expert
Checker / Expert

Semnatura
Signature

Cerinta / Requirement

Scara / Scale
1:200 ; 1:100

Revizia / Revision
1 / 04.2013

Cod desen / Drawing Code
PT.02.02.04.PO.01.03

Nr / No
03

Format/Size: 970x297mm