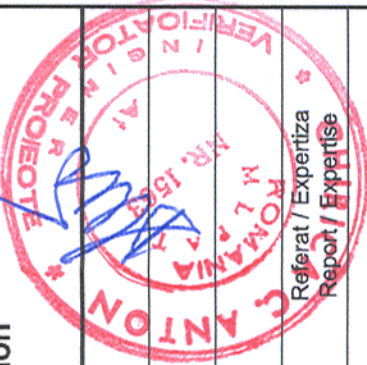




Prezentul plan anuleaza si inlocuieste versiunea anterioara
This plan cancels and replaces previous version



Referat / Expertiza
 Report / Expertise

Semnatura
 Signature

Cerinta
 Requirement

Verificator / Expert
 Checker / Expert

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER:

Verificat / Checked	Sef de echipa / Team leader	Data / Date	Semnatura / Signature
Verificat / Checked	C. Teodorescu	01.2013	
Verificat / Checked	R. Tudorascu	01.2013	

Subcontractant / Subcontractor	Subcontractant / Subcontractor	Data / Date	Semnatura / Signature
Subcontractant / Subcontractor	A.M. Baicu	01.2013	
Subcontractant / Subcontractor	V. Aldescu	01.2013	

Project 91
35311.1

Faza / Phase:
 PTH+CS / TD+TS

TEHNOLOGIE DE EXECUTIE / EXECUTION TECHNOLOGY
POD / BRIDGE KM pr. 571+443 (KM ex. 574+960)

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:100	1 / 04.2013	PT.02.02.09.PO.03.04	04

- Faza I**
- Se amenajeaza drumul de acces, platforma tehnologica si organizarea de santier.
 - Se traseaza si picheteaza axele liniilor si infrastructurilor podului.
 - Se realizeaza o platforma de lucru in zona podului.
 - Se executa sapatura deschisa pentru realizarea fundatiilor noi.
 - Se toarna betonul de egalizare.
 - Se executa fundatiile culeelor.
 - Se executa elevatiile culeelor.
 - Pe suprafețele din beton in contact cu pamantul se vor aplica straturi de emulsie din bitum filerizat.

- Stage I**
- Arranging the access road, the technological platform and the site organization.
 - Marking-out and pegging the axes of lines and bridge infrastructures.
 - Executing a work platform in the area of the bridge.
 - Executing excavation for the new foundations.
 - Casting the levelling concrete.
 - Executing the foundations of the abutments.
 - Executing the elevations of abutments.
 - 2 layers of filler asphaltic emulsion will be applied on the concrete area that are in contact with soil.

- Faza II**
- Se executa sapatura sub nivelul terenului natural in spatiele culeelor.
 - Se executa umplutura din balast stabilizat cu ciment la cota pr.
 - Se executa fundatia drenului conform detaliilor din proiect.
 - Se executa sistemul drenant (geodren, geotextil tub si mat. drenant).

- Stage II**
- Executing the excavation under the level of the natural soil.
 - Executing ballast filling stabilized with cement at level.
 - Executing the drain foundation according to the design details.
 - Executing the draining system (geo-drain, geo-textile and tube).

- Faza III**
- Se monteaza grinzile metalice, se cofreaza si se monteaza armatura.
 - Se toarna dala cu tablierul rezemat direct pe reazemele definitive ale culeelor.
 - Se toarna betonul de panta, hidroizolatia si betonul de protectie.
 - Se executa terasamentul la cota finala proiectata.
 - Se executa calea conform proiectului de suprastructura CF.
 - Se deschide circulatia in trepte de viteza conform instructiilor CFR.

- Stage III**
- Montage of metallic girders, shutter and montage of the reinforcement.
 - Cast of the slab with the deck directly propped on the final bearings of the abutments.
 - Cast of the slope concrete, waterproofing and protection concrete.
 - Executing the embankment at the final designed level.
 - Executing the track according to the railway superstructure project.
 - Opening the traffic with speed limits according to the CFR instructions.

- Faza IV**
- Se executa lucrarile de amenajare a albiei si a drumului local.
 - Se desfiintea organizarea de santier, drumul de acces si platforma tehnologica.
- Stage IV**
- Executing the arrangement works of the riverbed and local road.
 - Removing the site organization, access road and technological platform.

