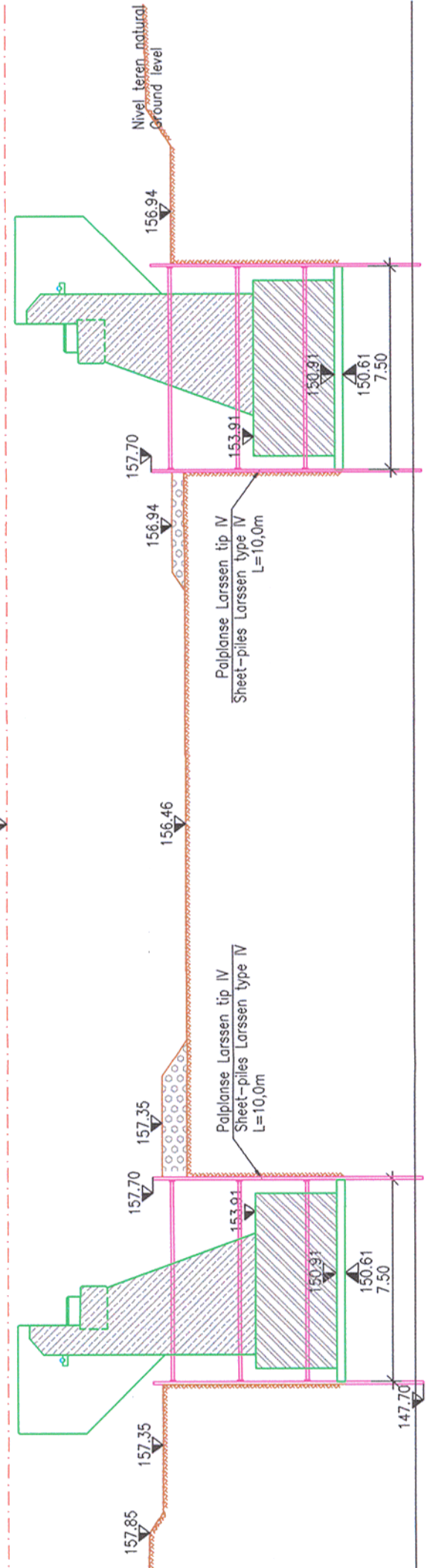


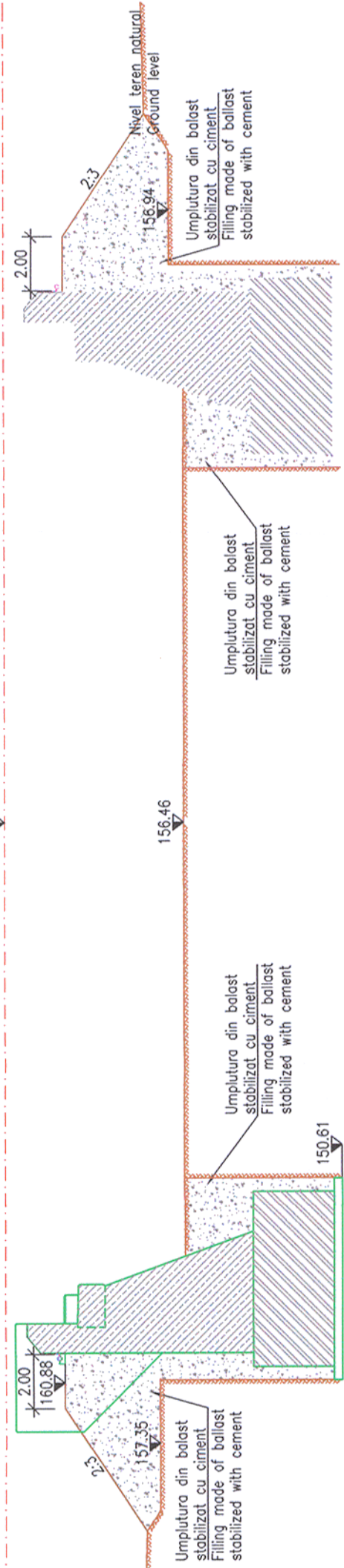
ETAPA I SI ETAPA II / STAGE I AND STAGE II

NSS_{pr}=163.08



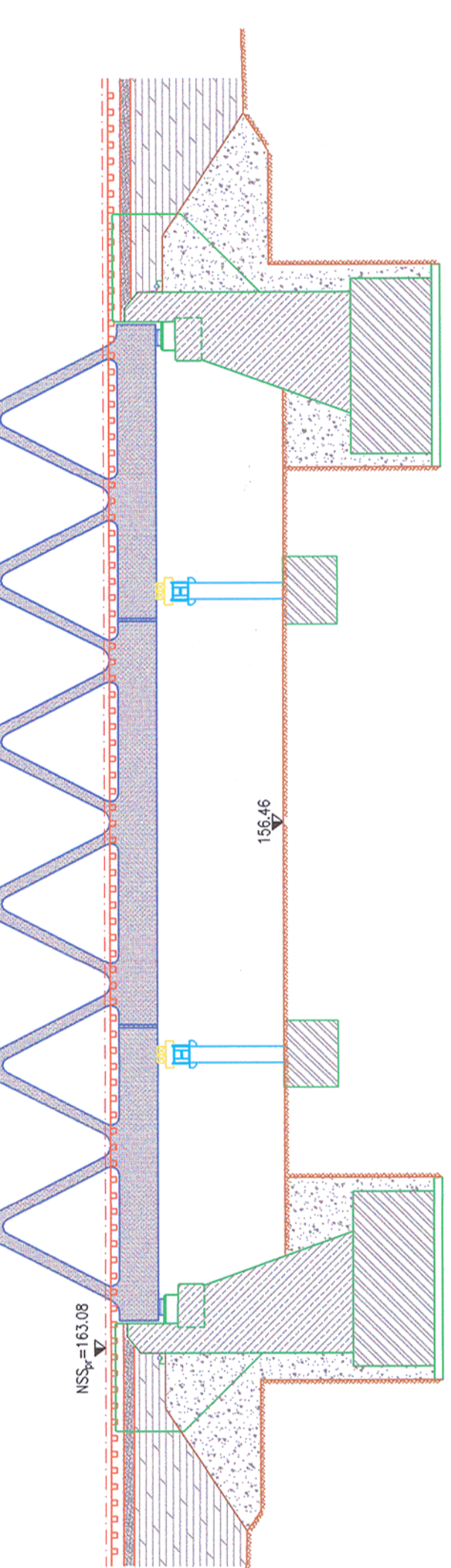
ETAPA III / STAGE III

NSS_{pr}=163.08



ETAPA IV / STAGE IV

NSS_{pr}=163.08



ETAPA I: LUCRARI PREGATITOARE:
 - Se amenajeaza drumurile de acces si platformele tehnologice.
 - Se realizeaza organizarea de santier.
 - Se executa lucrari de protectie si/sau deviere a instalatiilor de telecomunicatii, sau de alte tipuri, de pe zona lucrarilor.

STAGE I: PRELIMINARY WORKS:
 - Arranging the access roads and the technological platforms.
 - Making the site organization.
 - Making the works for protecting and/or deflecting the telecommunication installations or other types of works on the works' area.

ETAPA II:
 - Se executa sapatura cu sprinjiri pentru realizarea culeelor.
 - Se toarna betonul de egalizare. Dupa atingerea a 80% din clasa betonului de egalizare, se demonteaza ultimul cadru al incintei de palplanșe.
 - Se executa culeele, inclusiv zidurile intoarșe.
 - Pe suprafetele din beton in contact cu pamantul se vor aplica 2 straturi de emulsie din bitum filerizat.

STAGE II:
 - Executing the excavation with propping-ups for making the abutments.
 - Casting the levelling concrete. The last frame of the sheet-pile premises is dismantled after reaching 80% of the levelling concrete class.
 - Making the abutments including the wing walls.
 - 2 layers of filler bitumen emulsion will be applied on the concrete surfaces coming in contact with earth.

ETAPA III:
 - Se scot sprinjurile.
 - Se executa umplutura din balast stabilizat cu ciment la cota.
 - Se executa hidroizolatia pe spatetele culeelor.
 - Se executa fundatia drenului conform detaliilor din proiect.
 - Se executa sistemul drenant (geodren, geotextil si tub).

STAGE III:
 - Removing the propping-ups.
 - Making the filling made of ballast stabilized with cement at level.
 - Making the waterproofing on the back of the abutments.
 - Making the drain foundation according to the details from the design.
 - Making the draining system (geo-drain, geo-textile and tube).

ETAPA IV:
 - Se executa paleile provizorii pentru montajul tablierului GZCJ.
 - Se monteaza tablierul GZCJ si se executa hidroizolatia cuvei metalice.
 - Se dezafecteaza palelele provizorii.
 - Se executa calea pe pod si se racordeaza la capete asigurand racordarea in plan vertical si orizontal, cu calea pe terasament.
 - Se executa scările de acces pe terasament.
 - Se asigura continuitatea circuitelor de cale, se asigura electroizolarea sinelor si se asigura protectia electrica.
 - Se pune sub tensiune linia de contact, si se deschide circulatia în trepte de viteza pe traseul proiectat.
 - Se dezafecteaza platformele si accesesele din zona de lucru.

STAGE IV:
 - Making the temporary bents for mounting the deck GZCJ (truss girders bottom road).
 - Mounting the deck GZCJ (truss girders bottom road) and making the waterproofing of the metallic vot.
 - Deallocating the temporary bents.
 - Making the track on the bridge and connecting at the ends by ensuring the connection in vertical and horizontal plan, with track on the embankment.
 - Making the access stairs on the embankment.
 - Ensuring the continuity of track circuits, ensuring the rails' electric insulation and ensuring the electric protection.
 - Restoring the voltage to the contact line and opening the traffic in speed levels on the designed route.
 - Deallocating the platforms and the accesses from the working area.

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



Verificator / Expert Checker / Expert	Semnatura Signature	Referat / Expertiza Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

CFR

COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER:

PÖYRY

Approbat Approved	Sef de echipa Team leader	C. Teodorescu	Data Date	01.2013	Semnatura Signature	
Verificat Checked	Expert Cheie Key Expert	R. Tudorascu		01.2013		

Subcontractant / Subcontractor

VIOTOP

Approbat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	Data Date	01.2013	Semnatura Signature	
Proiectat Designed	Inginer Engineer	T. Mihali		01.2013		

"Reabilitarea liniei c.f. Frontieră - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h"

Tronsoanel 2-C : cap Y Ilteu - 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 Ilteu - end Y Gurasada

Project 9i
35311.1

Faza / Phase:
PTH+CS / TD+TS

Denumire desen / Drawing name:
 TEHNOLOGIE DE EXECUTIE / EXECUTION TECHNOLOGY
 POD / BRIDGE KM pr. 529+546

Scara / Scale 1:200	Revizia / Revision 1 / 04.2013	Cod desen / Drawing Code PT.02.02.17.PO.21.04	Nr / No 04
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