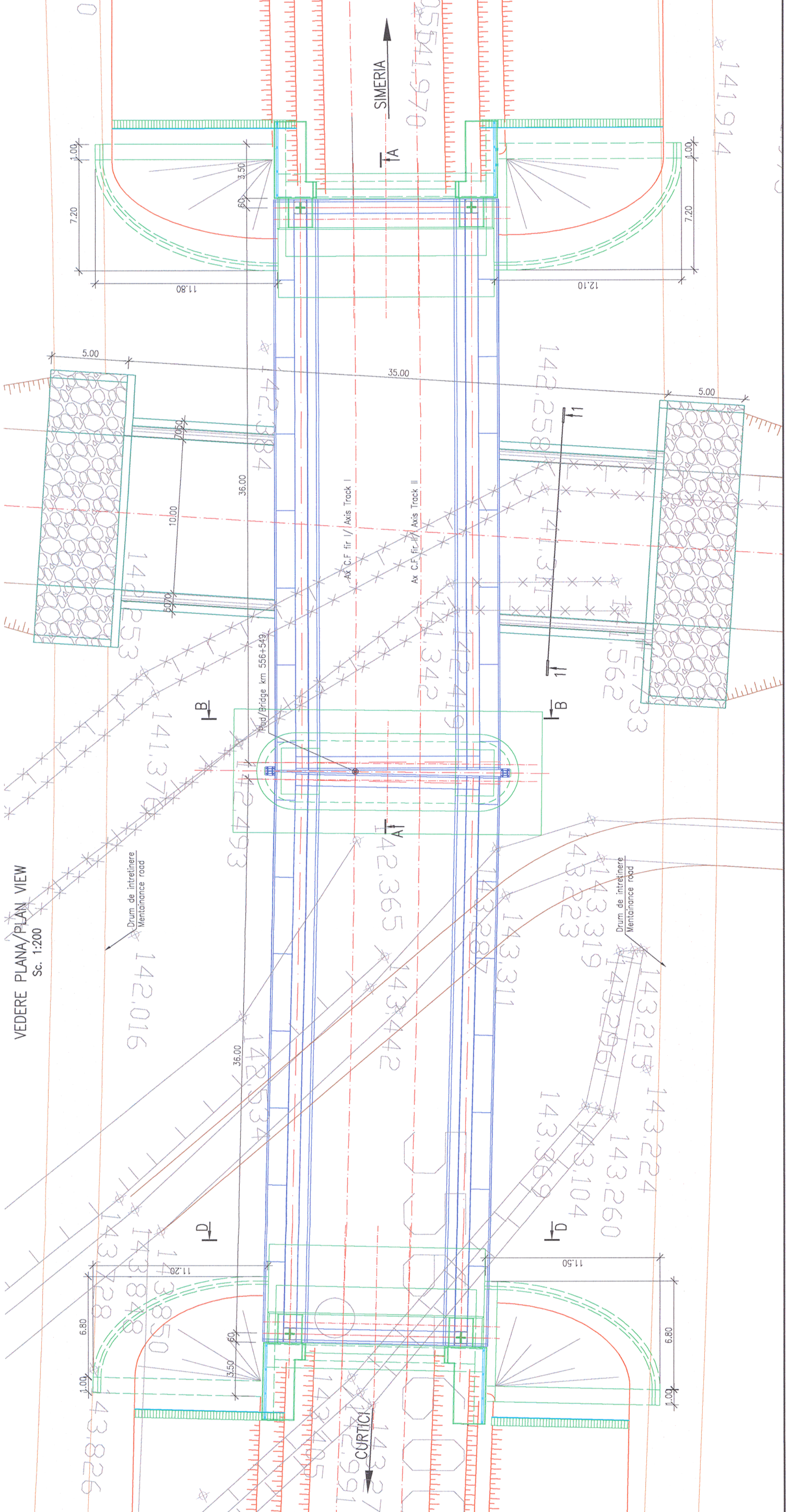
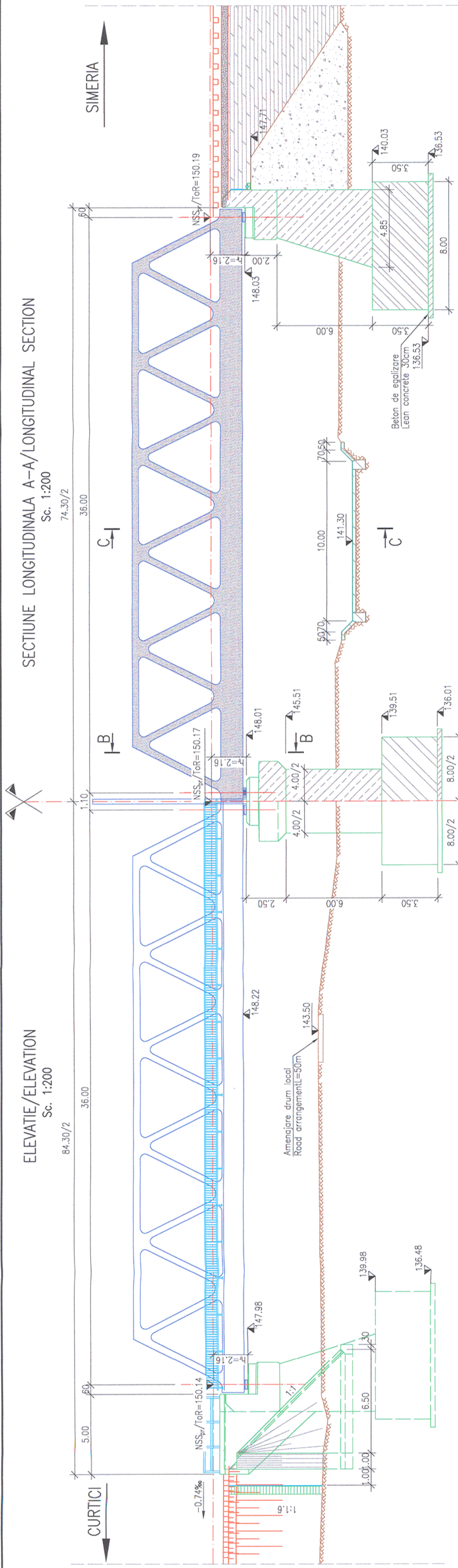




PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS															
SISTEM DE DRENARE PODURI															
BRIDGE DRAINAGE SYSTEM															
ELEMENT PREFABRICAT TIP L															
P	T	0	2	0	2	0	0	P	0	0	2	0	0	2	0
SCARURI DE ACCES SI BALUSTRADE METALICE															
P	T	0	2	0	2	0	0	P	0	0	2	0	0	2	0
ACCESS STAIRS AND METALLIC BALUSTRADE															
P	T	0	2	0	2	0	0	P	0	0	2	0	0	2	0

FISA FORAJULUI/BOREHOLE LOG
KM 556+500

Sol vegetal/Magistral soil
Prof. argile, caolin-gibbu, sub nisipos, plastic
Brown-yellow, slightly sandy, plastic silt, brittle,
clayey dust
Argila proaspata, caolin, plastic, vicioasa de la
la 2-3,50m sub suprafaa cu intercalarii canneli, de
la 2-3,50m sub suprafaa cu intercalarii canneli, de
la 2-3,50m sub suprafaa cu intercalarii canneli, de
Dusty brown plastic silt clay,
intercalations from ~2,60m it is brown-yellow with grey
Rasp mic, canneli, saturat cu nisipare medie
composition
Pieria in omestie cu nisip, nuanat, caolinu,
saturat, cu indetere medie
Uneven, brown, saturated gravel of medium
composition mixed with sand

- NOTA:
- Prezentul plan s-a intocmit in baza urmatoarelor date:
 - studiu topografic;
 - studiu geotehnic;
 - studiu hidrolic;
 - date culesse pe teren;
 - Pe traseu de cale ferata proiectat la km 556+549, se vor executa:
 - pod tip GZCJ cu deschiderea de 2x36,00m, care se racordeaza cu terasamentul amonte si aval cu stfururi de con perate cu beton.
 - pereu din beton pe lungimea podului precum si intre stfururile de con, sub deschiderea Simeria, fara panta de scurgere;
 - suprafetele de beton vizibile se vor impermeabiliza;
 - scari de acces cu balustrade metalice pe terasament.
 - La executie se vor respecta cu strictete prevederile din SR EN 206-1, "Codul de practica pentru producerea betonului", indicativ NE 012-1:2007, "Codul de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat", indicativ NE 012-2:2010, "Codul de practica pentru executia elementelor prefabricate din beton, beton armat si beton precomprimat", indicativ NE 013/2002, din Normativul pentru verificarea calitatii si receptia lucrarilor de constructii civile", indicativ C56-85 si a Calculului de Sarcini.
 - Conform H.C. 766/1997 lucrarea se incadreaza in categoria "B" a constructiilor de importanta deosebita.
 - Proiectul va fi verificat de verificatori desemnati MLPAI la exigentele A-4, B-2 si D-2.

NOTA:

1. This plan was prepared based on the next data:

- topo survey;
- geotechnical study;
- hydraulic study;
- field data;

2. On the designed railway route at km 556+549, there will be executed:

- bridge type GZCJ with 2x36,00m span, which will be connected upstream and downstream with concrete pitching quarter cone.
- metallic handrail mounted on the bridge superstructure.
- in the bridge area, as well as between the quarter cones, a concrete pitching under the Simeria span will be executed without ensuring a discharge slope;
- the visible concrete areas will be waterproofed.

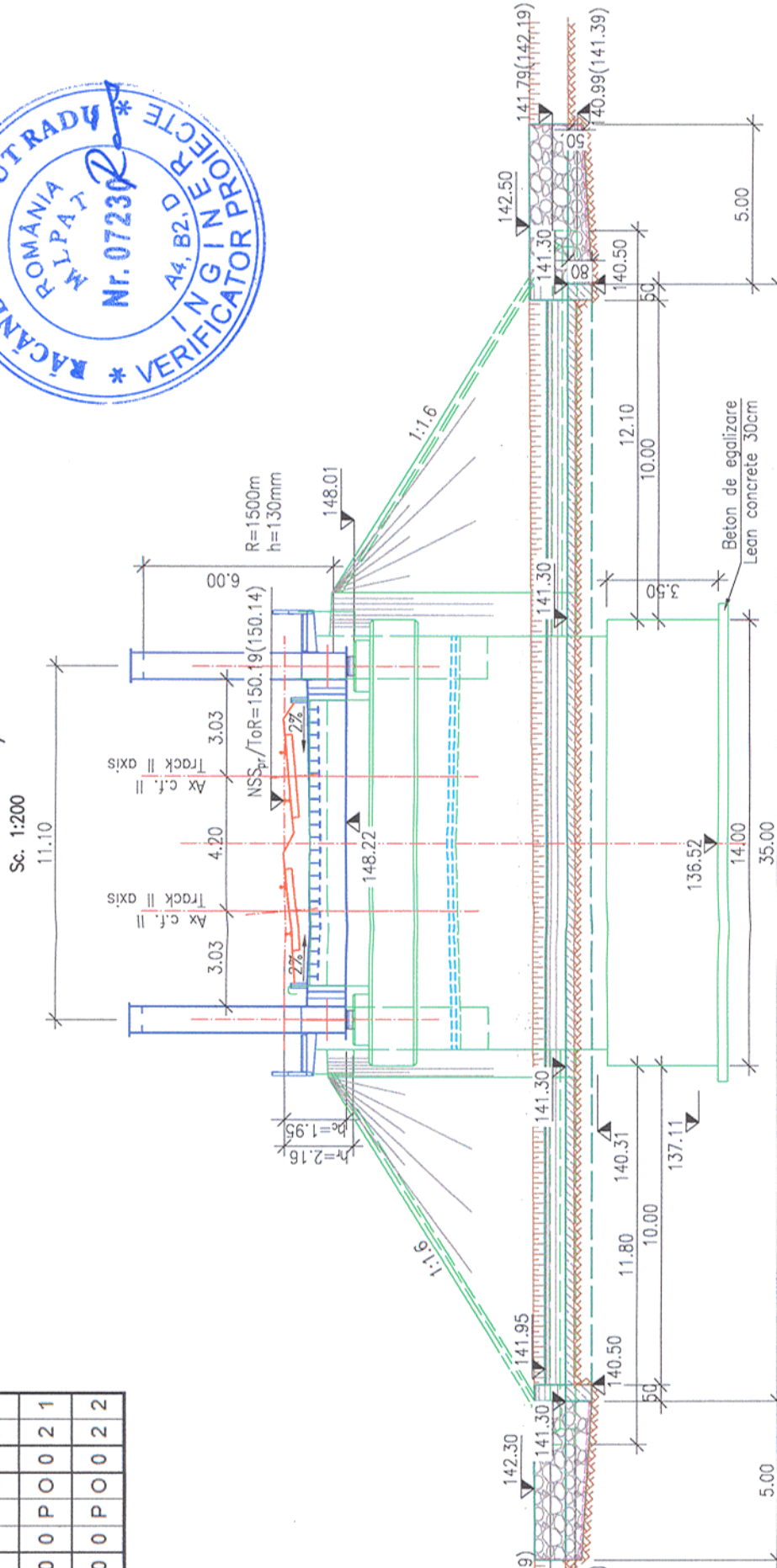
3. access steps with metallic handrails are provided on the embankment.

4. The provisions of the SR EN 206-1, "Practice code for concrete production", indicative NE 012-1:2007, "Practice code for execution of concrete, r.c. and pre-stressed concrete works", indicative NE 012-2:2010, "Practice code for execution of concrete, r.c. and pre-stressed concrete precast elements", indicative NE 013/2002, "Normative concerning quality check and taking-over of different construction works", indicative C56-85 and technical Specifications will be strictly observed.

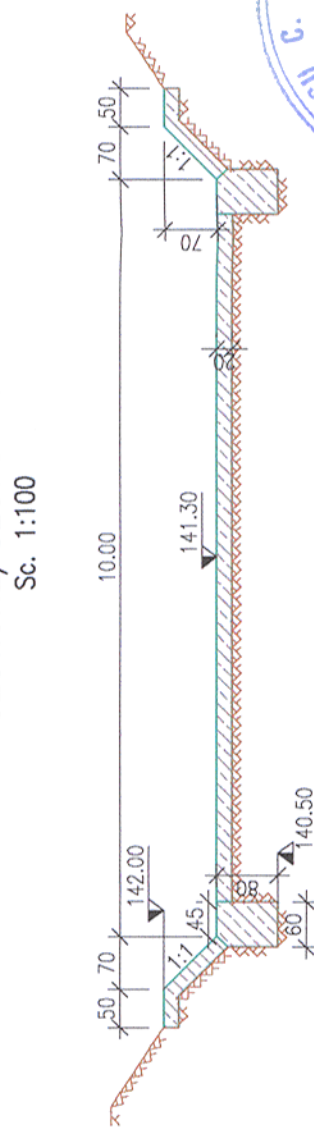
5. According to H.C. 766/1997 the work is classified at category "B" of special importance constructions.

The design will be checked by MLPAI checkers certified for exigencies A-4, B-2 and D-2.

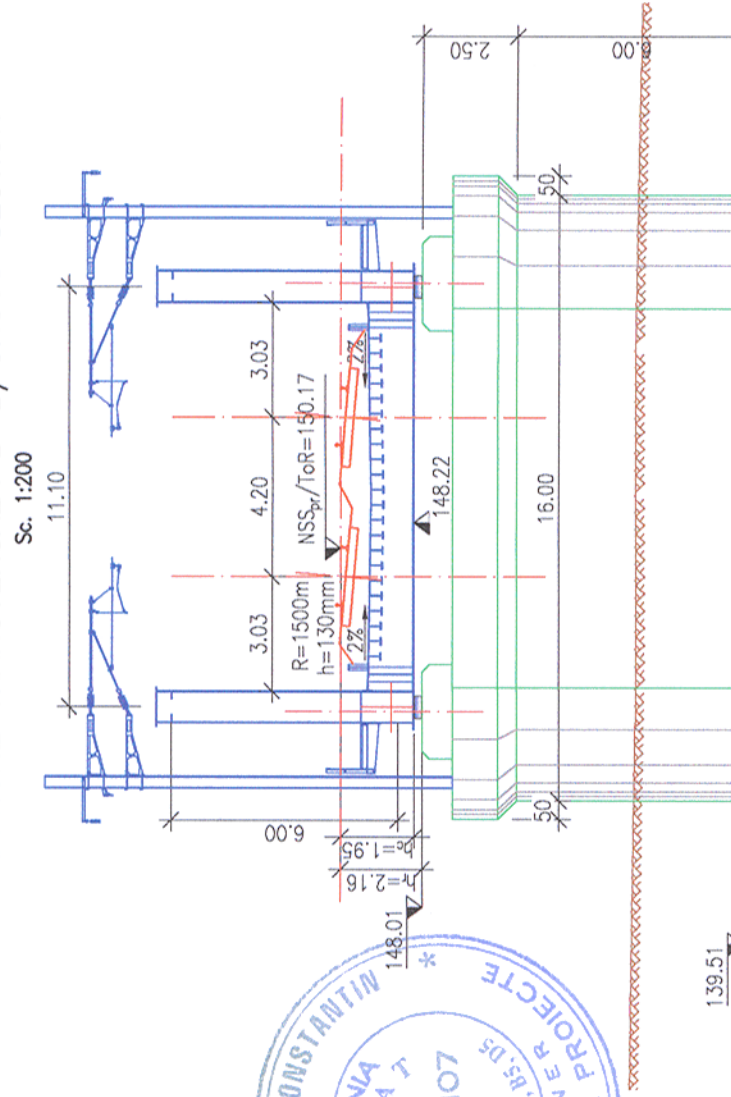
SECTIUNE TRANSVERSALA C-C/CROSS SECTION
Sc. 1:200



SECTIUNE /SECTION 1-1
Sc. 1:100



SECTIUNE TRANSVERSALA B-B/CROSS SECTION
Sc. 1:200

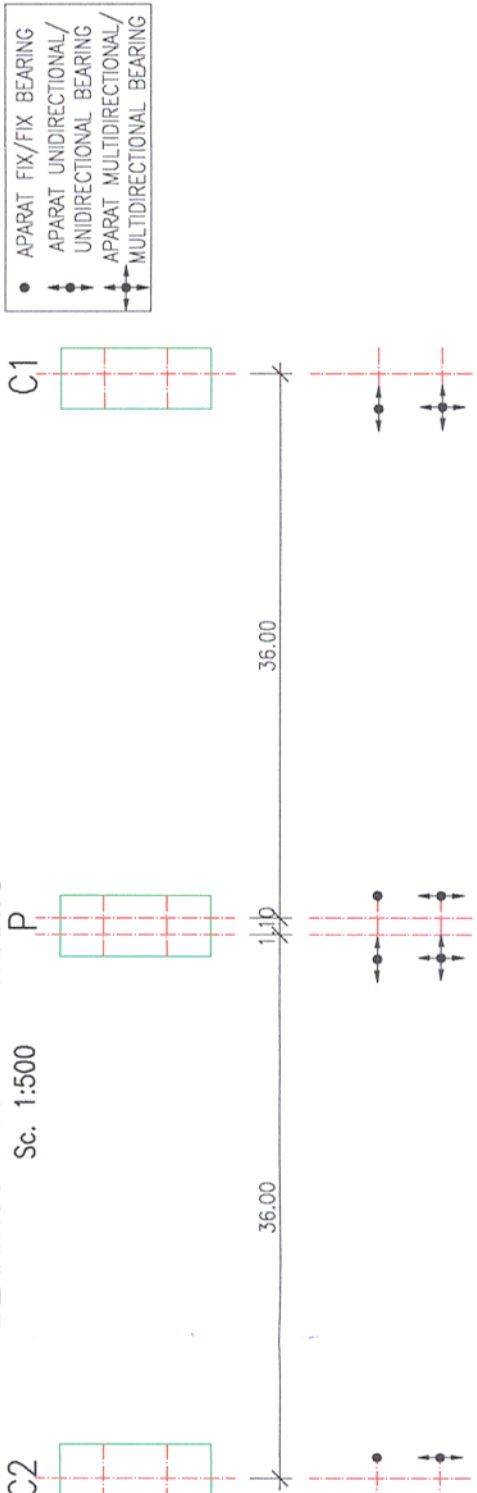


LEGENDA BETOANELOR/CONCRETE LEGEND
conform NE 012-1:2007/SR EN 206-1

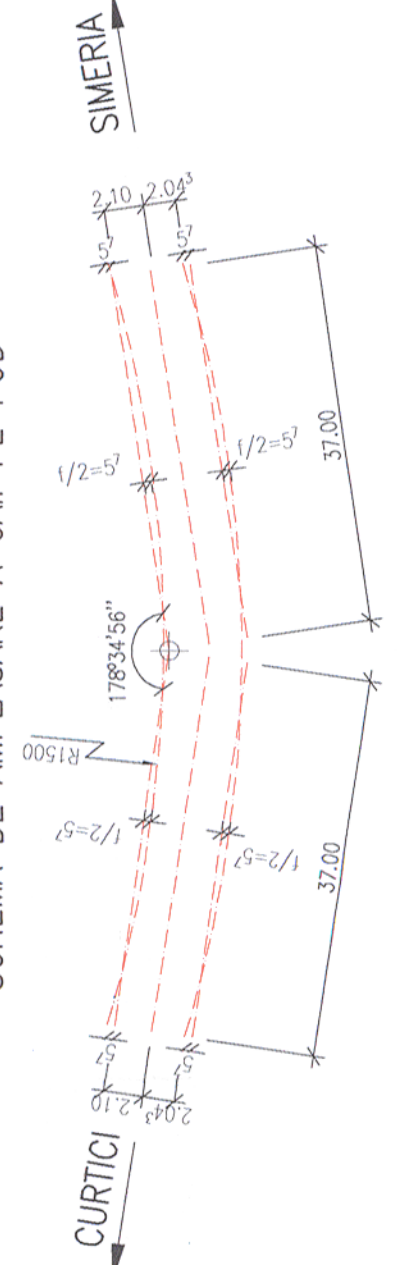
- BETON C25/30 – Beton cu caldura de hidratare limitata, clasa de expunere X2+XF3+XA1, agregate Dmax 22.
- RADIER COLOANE, FUNDATII DIRECTE SI FUNDATII PROVIZORII/CAP PILES, DIRECT FOUNDATIONS AND TEMPORARY FOUNDATIONS
- BETON C25/30 – Clasa de expunere XC4+XF3, agregate Dmax 22.
- ELEVATIA INFRASTRUCTURII SI ZIDURI DE SPRUNJ/INFRASTRUCTURE ELEVATION AND RETAINING WALLS
- BETON C25/30 – Clasa de expunere XC4+XF3+XA1, agregate Dmax 22.
- ARPI, SFERT DE CON, PEREU SI SCARI DE ACCES
- BETON C16/20 – Clasa de expunere XD+XF3, agregate Dmax 16.
- DEGL BETON DE PANTA SI DE FAZALZARE
- DRAINAGE, SLOPE AND LEAN CONCRETE

CONVOI DE CALCUL LM71
LOADING MODEL LM71

SCHEMA AMPLASARE APARATE DE REAZEM
BEARINGS POSITION CHARTS
Sc. 1:500



SCHEMA DE AMPLASARE A CAII PE POD



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

Verificator / Expert Checker / Expert	Semnatura Signature	Carinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expenses
European Investment Bank	MINISTERUL TRANSPORTURILOR			
	BENEFICIAR / BENEFICIARY :			
	COMPANIA NATIONALA DE CAI FERATE "CFR" SA			



PROIECTANT / DESIGNER:

APROBAT / APPROVED

VERIFICAT / CHECKED

SEF DE ECHIPA / TEAM LEADER

EXPERT CHEIE / KEY EXPERT

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