



NOTE
 1. The plan was prepared based on the following data:
 - study topographic;
 - geotechnical study;
 - hydraulic study;
 2. The bridge structure is a transverse bridge with 2 spans 245.0m, which will have wings and quarter cones connections with the embankment upstream and downstream.
 3. The bridge's infrastructure (composed of piles and abutments) will have direct slab foundations.
 4. The visible concrete areas will be waterproofed.
 5. Access steps with metallic handrails are provided on the embankment.
 6. The concrete structure will be strictly assessed according to the provisions of Eurocode 2 and pre-stressed concrete, indicative NE 012.
 7. Code of practice concerning the execution of the pre-cast elements made of concrete, reinforced concrete and pre-stressed concrete, indicative NE 013.
 8. Code of practice concerning the quality check and taking over of the off-rent construction works, indicative C36-85 (C36-2002).
 9. Complying with F.6. 265/1987 this structure belongs to category "B" of importance.
 10. The project will be verified at A.4, B.2 and D.2 requirements.

CONVOI DE CALCUL LM71
 CALCULATION CONVOY LM71

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

- BETON C35/45 - Clasa de expunere XC4+XF3, agregate Dmax 22
- BANCHETA CUZINETILOR PILE PODURI MURES / PIER BEARING BOXES FOR MURES BRIDGES
- BETON C25/30 - Clasa de expunere XC2+XF1+XA1, agregate Dmax 22
- RADIER COLOANE, FUNDATII PROVIZORII
- CAP PILES, DIRECT FOUNDATIONS AND TEMPORARY FOUNDATIONS
- BETON C25/30 - Clasa de expunere XC2+XF3+XA1, agregate Dmax 22
- PILOTI FORATI/DRILL PILES
- BETON C25/30 - Clasa de expunere XC4+XF3, agregate Dmax 22
- ELEVATI INFRASTRUCTURA SI ZIDURI DE SPERJINU
- INFRASTRUCTURE ELEVATIONS AND RETAINING WALLS
- BETON C25/30 - Clasa de expunere XC4+XF1+XM1, agregate Dmax 16
- SAPA DE PROTECTIE A HIDROZOLATIEI SI PREDALE
- WATERPROOFING PROTECTION AND PRESLABS
- BETON C25/30 - Clasa de expunere XC4+XF3+XA1, agregate Dmax 22
- PEREII SI SCARI DE ACCES
- WINGS, QUARTER CONE, PITCHING AND ACCESS STAIRS
- BETON C16/20 - Clasa de expunere XD+XF3, agregate Dmax 16
- DREN BETON DE PANTA SI DE EGALIZARE
- DRAINAGE, SLOPE AND LEAN CONCRETE

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS

SISTEME DRENARE PODURI										
BRIDGE DRAINAGE SYSTEM										
ELEMENT PREFABRICAT TIP L										
SCARA DE ACCES SI BALUSTRAZDA METALICA										
ACCESS STAIRS AND METALLIC BALUSTRADE										
P	T	0	2	0	2	0	0	0	2	0
P	T	0	2	0	2	0	0	0	2	1
P	T	0	2	0	2	0	0	0	2	2

PROIECTANT / DESIGNER: PÖYRY

SEMANTURA / SIGNATURE: C. Teodorescu, R. Tudorascu

DATA / DATE: 01.2013

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

FAZA / PHASE: PTH+OS / TD+TS

DENUMIRE D desen / Drawing name: DISPOZIȚIE GENERALĂ / GENERAL LAYOUT PLAN
 POD / BRIDGE KM pr. 526+793

SCARA / SCALE: 1:500, 1:200

REVIZIA / REVISION: 1 / 04.2013

COD D desen / Drawing Code: PT.02.02.17.PO.18.03

NR / NO: 03