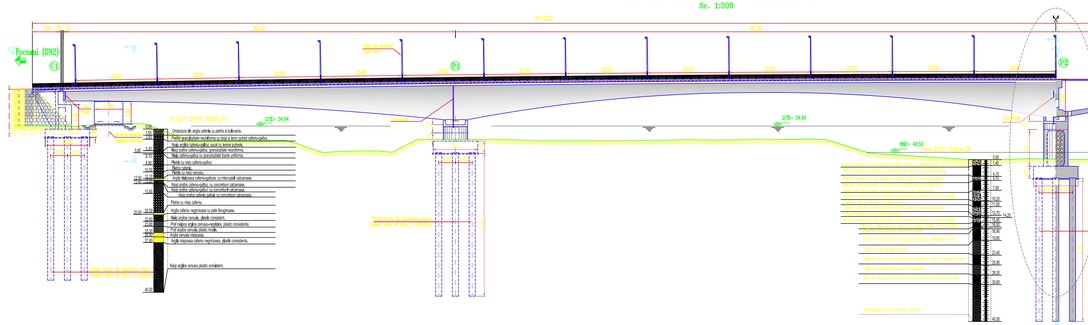
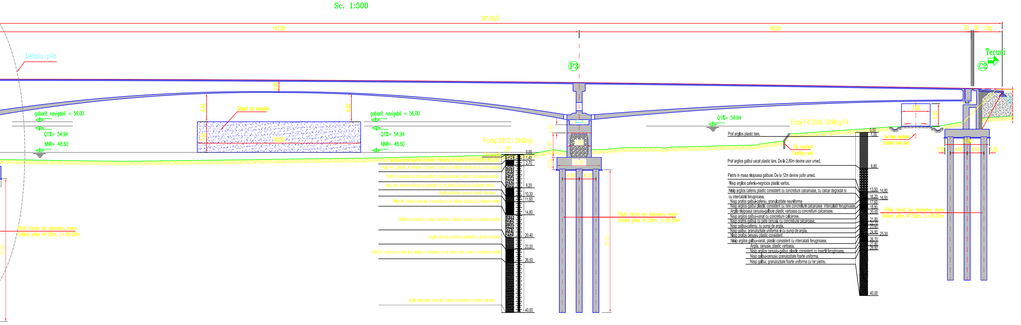
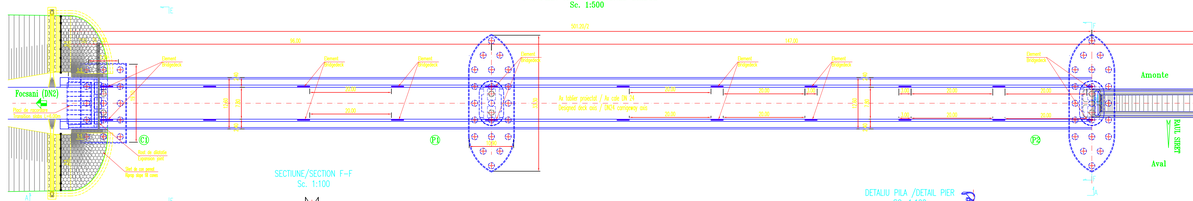
ELEVATIE A–A POD PROIECTAT – VEDERE DIN AVAL
A–A ELEVATION DESIGNED BRIDGE – DOWNSTREAM VIEW
Sc. 1:500



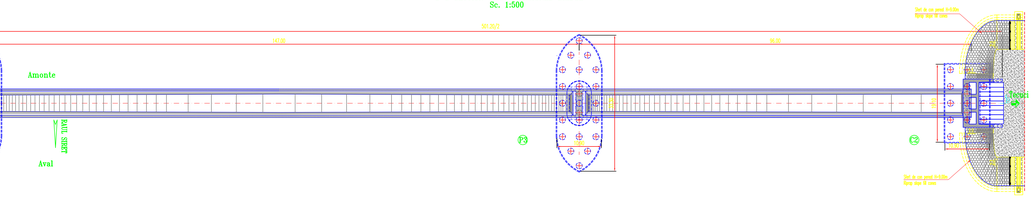
SECTIUNE B–B POD PROIECTAT – VEDERE DIN AVAL
B–B SECTION DESIGNED BRIDGE – DOWNSTREAM VIEW
Sc. 1:500



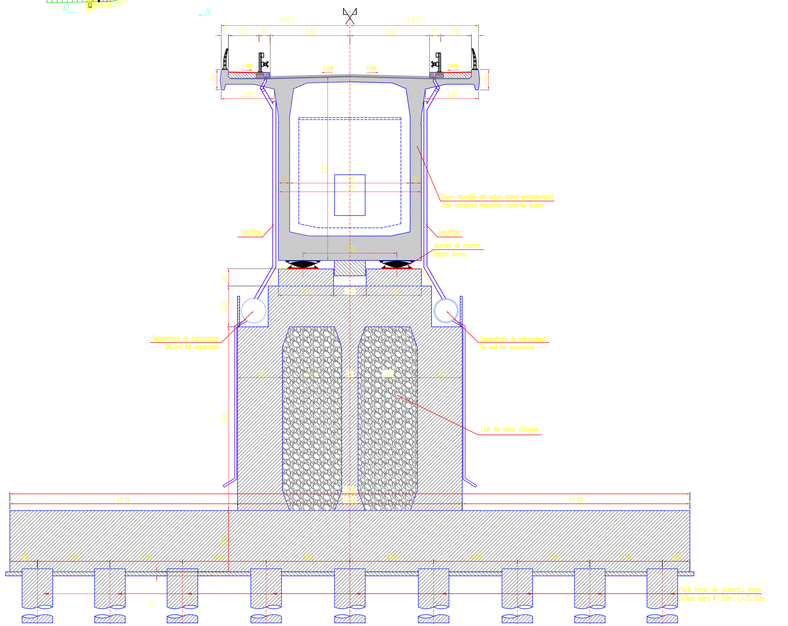
VEDERE PLANA C–C – POD PROIECTAT
C–C PLAN VIEW – DESIGNED BRIDGE
Sc. 1:500



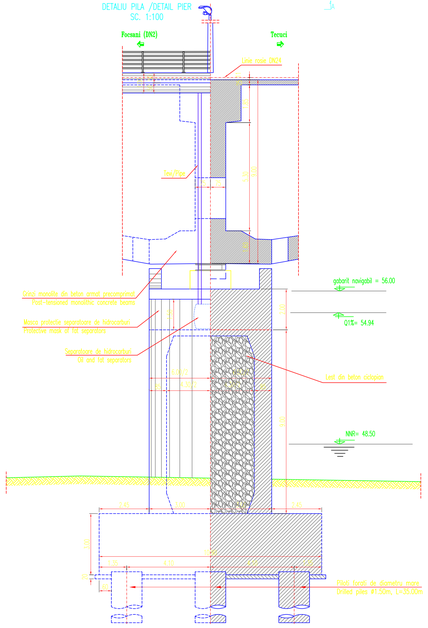
SECTIUNE PLANA D–D – POD PROIECTAT
D–D SECTION VIEW – DESIGNED BRIDGE
Sc. 1:500



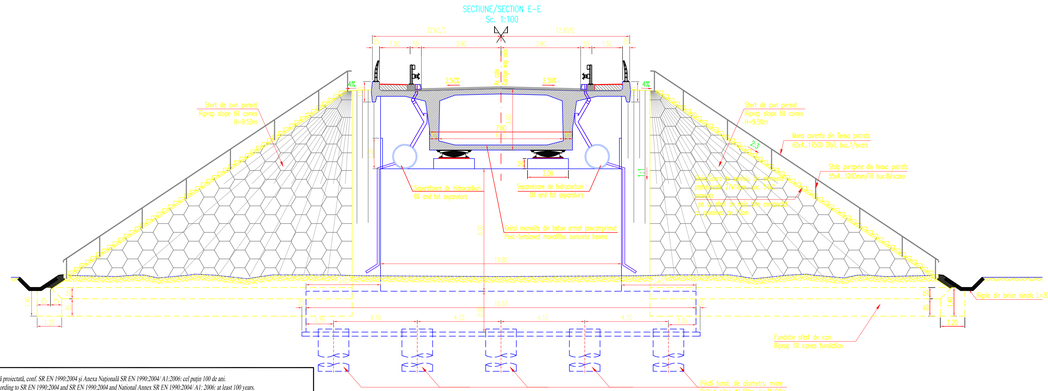
SECTIUNE/SECTION F–F
Sc. 1:100



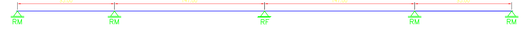
DETALIU PILA /DETAIL PIER
SC. 1:100



SECTIUNE/SECTION E–E
Sc. 1:100



SCHEMA STATICA POD PROIECTAT / STATIC ARRANGEMENT DESIGNED BRIDGE



1. Durata de viaţă normată proiectată, conf. SR EN 1990:2004 şi Anexa Naţională SR EN 1990:2004/ A1:2006: cel puţin 100 de ani.
   Rated design life, according to SR EN 1990:2004 and SR EN 1990:2004 and National Annex SR EN 1990:2004/ A1: 2006: at least 100 years.
2. Acţiuni variabile din trafic, conform SR EN 1992-2:2005 şi Anexa Naţională SR EN 1991-2:2005/ NB:2006:
   Variables action of traffic, according to SR EN 1992-2:2005 and National Annex SR EN 1991-2:2005/ NB:2006:
   - Clasa de încărcare / *loading class:* $a_{Q1} = a_{q1} = a_{q2} = 1,00$.
   - Grupe de acţiuni variabile din trafical de pe pod / *groups of various actions on bridge traffic:*
     - grupa / *group* 1a: LM1 + 3 kN/m² pe trotuare / *on sidewalks*
     - grupa / *group* 1b: LM2 (pentru acţiuni locale / *for local action*)
     - grupa / *group* 2: LM1 + frânare, tracţiune / *breaking, traction*
       LM1 + forţa centrifugă / *centrifugal force*
3. Conform SR EN 1992-2:2006 şi Anexa Naţională SR EN 1992-2:2006/ NA:2010
   According to SR EN 1992-2:2006 and National Annex SR EN 1992-2:2006/ NA:2010:
   - Clasa de importanţă seismică a IIa-a / *2-nd* seismic class of importance: $\gamma_I = 1,1$.
   - Perioadea acţiunilor variabile LM1 de pe bandă 1 în calculul seismic:
     LM1 variable actions share on 1st type in seismic calculation: $\psi_{21} a_{Q1} Q_{1k} + a_{q1} a_{q1} q_{1k}$ *in care / were* $\psi_{21} = 0,2$.
   - Perioada de control a zonei de amplasament / *Control period of site area:* T_C / $T_C = 1,0s$.
   - Valoarea de vârf de referinţă a accelerogramei terenului pentru / *Reference peak ground acceleration for:* $T \leq c_k = 100$ *ani:* $a_{gR} = 0,28g$.
4. Conform SR EN 1990:2004 Anexa B / *According to SR EN 1990:2004 B Annex:*
   - Clasa de importanţă din punctul de vedere al controlului calităţii / *Class of importance in terms of quality control; CC2, importanţă medie / average importance*
   - Nivelul de supervizare al proiectării / *Supervision level of the design: DSL2, supervizare obişnuită / ordinary supervision .*
   - Inspecţia în timpul execuţiei / *Inspection during construction: IL2, inspecţie obişnuită / ordinary inspection .*

REV.	DATA / *DATE*	DESCRIEREA MODIFICARII / *MODIFICATION DESCRIPTION*	VERIFICAT / *VERIFIED*	APROBAT / *APPROVED*

PROIECTAT / *DESIGN*	VERIFICAT / *VERIFIED*	APROBAT / *APPROVED*	ASISTENŢĂ TEHNICĂ PENTRU ELABORAREA EXPERTIZEI TEHNICE ŞI STUDIILOR DE FEZABILITATE PENTRU PODURI / *TECHNICAL ASSISTANCE FOR ELABORATION OF THE TECHNICAL EXPERTISE AND FEASIBILITY STUDY FOR BRIDGES*
ing. M. PETRE	ing. M. PREDESCU	ing. A. TANASESCU	OBIECTIV / *OBJECTIVE:*
Client: COMPANIA NAŢIONALĂ DE AUTOSTRĂZI ŞI DRUMURI NAŢIONALE / *NATIONAL COMPANY FOR MOTORWAYS AND NATIONAL ROADS*			Scara: / *Scale:* 1:500 / 1:100
Asocierea EXPERT PROIECT 2002 S.R.L. & BETARMEX S.R.L. BETARMEX			OBIECT: / *OBJECT:* PODUL NOU DE LA COSMESTI, PESTE SIRET, PE DN24 / *NEW BRIDGE FROM COSMESTI, OVER SIRET, TO DN24*
			Data: / *Date:* Nov. 2012 / Nov. 2012
			PLANŞA: / *DRAWING:* DISPOZITIE GENERALA POD - SOLUTIA 1 / *BRIDGE GENERAL LAYOUT - 1st SOLUTION*
			Faza: / *Stage:* Studiu de fezabilitate / *Feasibility study*
			COD DESEN: / *DWG NO.:* D04/P5/06/12.01 COD PROIECT: / *PROJECT NO.:* P252 Rev. 1