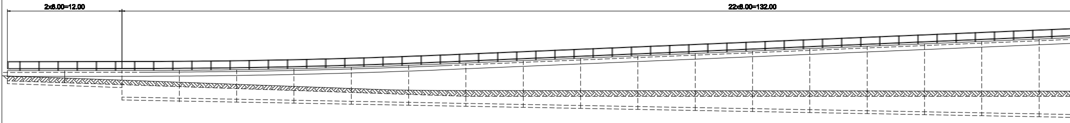
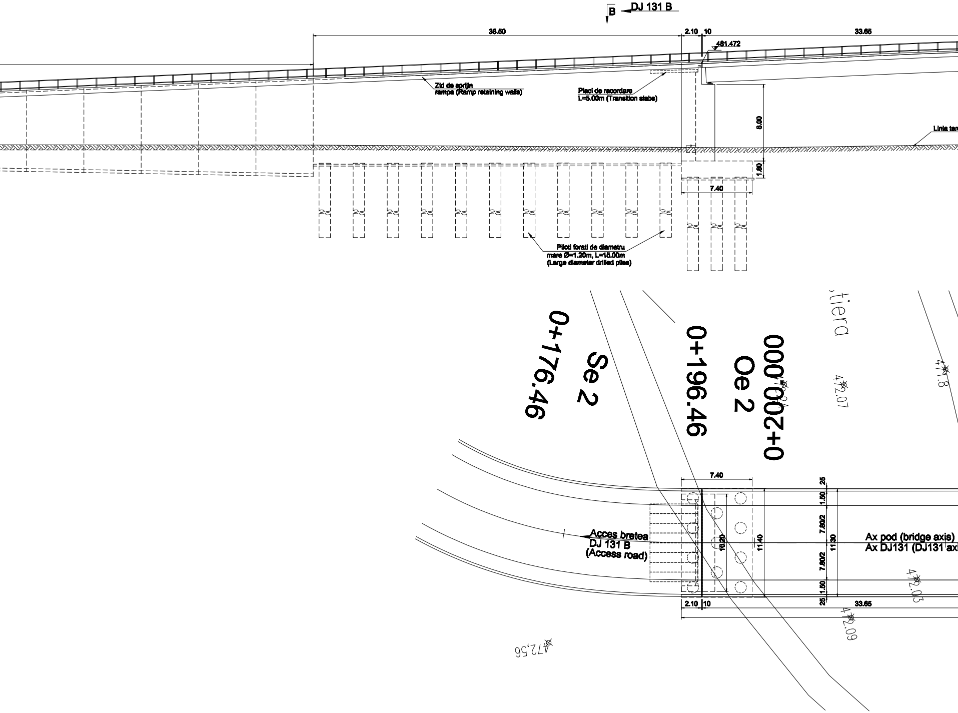
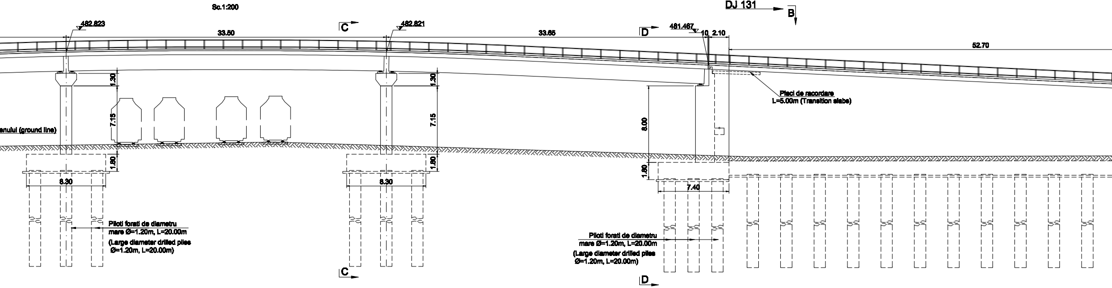

2x6.00=12.00
22x6.00=132.00


B
DJ 131 B
36.50
2.10
10
33.65
481.472
Zid de sprijin
rampa (Ramp retaining walls)
Placi de racordare
L=5.00m (Transition slabs)
8.00
Linia ter
1.80
7.40
Piloti forati de diametru
mare Ø=1.20m, L=15.00m
(Large diameter drilled piles)
tiera
0+176.46
Se 2
0+196.46
Oe 2
0+200.000
471.8
472.07
7.40
25
1.50
7.80/2
11.30
10.20
11.40
Acces bretea
DJ 131 B
(Access road)
Ax pod (bridge axis)
Ax DJ131 (DJ131 ax
472.03
2.10
10
33.65
472.09
472,56

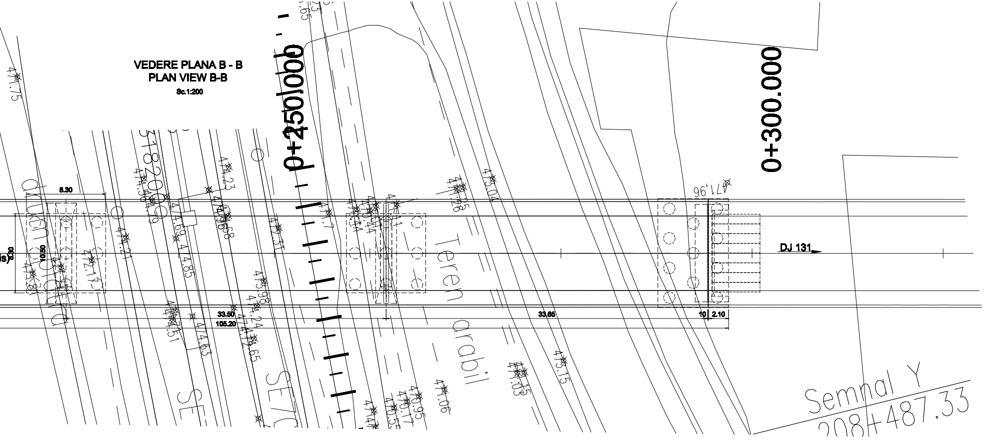
ELEVATIE
ELEVATION

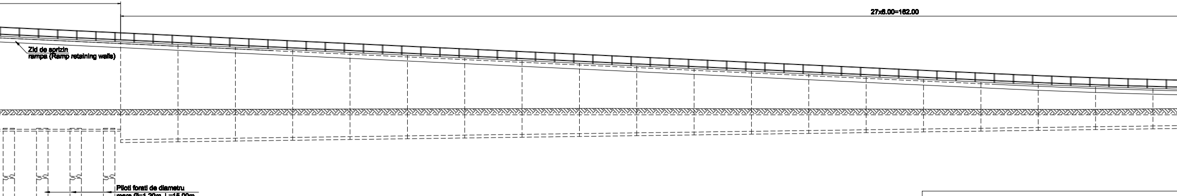
Sc.1:200

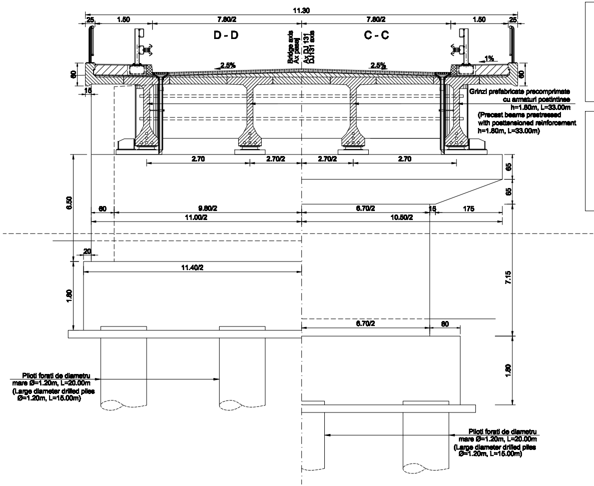

DJ 131
B
482.823
33.50
C
482.821
33.65
D
481.467
10
2.10
52.70
1.30
7.15
1.80
8.30
8.00
7.40
enului (ground line)
Placi de racordare
L=5.00m (Transition slabs)
Piloti forati de diametru
mare Ø=1.20m, L=20.00m
(Large diameter drilled piles
Ø=1.20m, L=20.00m)

VEDERE PLANA B - B
PLAN VIEW B-B

Sc.1:200


0+250.000
0+300.000
8.30
10.50
8.30
33.50
105.20
33.65
10
2.10
DJ 131
Teren arabil
Semnal Y
208+487.33
471.96
473.04
473.15
474.06

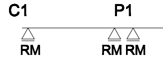

27x6.00=162.00
Zid de sprizin
rampa (Ramp retaining walls)
Piloti forati de diametru
mare Ø=1.20m, L=15.00m
(Large diameter drilled piles
Ø=1.20m, L=15.00m)

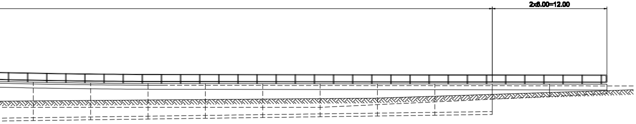

11.30
25
1.50
7.80/2
7.80/2
1.50
25
D - D
C - C
Bridge axis
Ax pasaj
Ax DJ 131
DJ131 axis
2.5%
2.5%
1%
60
60
15
Grinzi prefabricate precomprimate
cu armaturi postintinse
h=1.80m, L=33.00m
(Precast beams prestressed
with posttensioned reinforcement
h=1.80m, L=33.00m)
2.70
2.70/2
2.70/2
2.70
65
65
6.50
60
9.80/2
11.00/2
6.70/2
15
175
10.50/2
20
11.40/2
7.15
1.80
6.70/2
60
1.80
Piloti forati de diametru
mare Ø=1.20m, L=20.00m
(Large diameter drilled piles
Ø=1.20m, L=15.00m)
Piloti forati de diametru
mare Ø=1.20m, L=20.00m
(Large diameter drilled piles
Ø=1.20m, L=15.00m)

CLASA DE INCARCARE : CONVOAIE
CATEGORIA DE IMPORTANTA PRIVIN
EXIGENTA DE CALITATE : A4, B2, D
ZONA SEISMICA : 7 ,$_1$CONFORM SR 1
a $_g$=0.20g, T$_C$=0.7, CONFORM P100-1/2

LOADING CLASS: CALCULATION CON
IMPORTANCE CLASS REGARDING CO
QUALITY EXIGENCE : A4, B2, D
SEISMIC ZONE : 7 ,$_1$ACCORGING SR
a $_g$=0.20g, T$_C$=0.7, ACCORDING P100-1

STATIC
SCHEMA


C1
P1
RM
RM RM



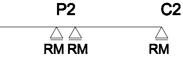
DE CALCUL CONFORM SR EN 1991-2
ID CALITATEA : "B"

1100/1-93
006

NVOY ACCORDING TO SR EN 1991-2
ONSTRUCTION QUALITY : "B"

11100/1-93
/2006

DIAGRAM
S T A T I C A


P2
C2
RM RM
RM

N O T A

1. Prezentul plan s-a intocmit pe baza urmatoarelor date:
- plan de situatie;
- profil in lung;
- profil transversal;

2. La executie se vor respecta cu strictete prevederile din "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 1: Producerea betonului", indicativ NE 012/1-2007 si "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 2: Executarea lucrarilor din beton" indicativ NE 012/2-2010, iar verificarea calitatii lucrarilor si receptionarea lor se va face conform normativului C56-1985.

3. Constructia se incadreaza in categoria de importanta B (constructii de importanta deosebita), modelul 1 de asigurare a calitatii si clasa de importanta B, conform HG 766/1997.

N O T E

1. This plan has been drawn up based on the following data:
- Layout Plan;
- Longitudinal Profile;
- Cross-section Profile;

2. The execution will strictly comply with the provisions of "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 1: Practice code for concrete production" NE 012/1-2007 and "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 2: The execution of the concrete works." NE 012/2-2010, and the quality and the reception of the works shall be made accordingly to Norm C 56-1985.

3.. The construction has been classified in B category of importance (high important constructions), model 1-ensuring the quality and class of importance B according to G.O. 766/97.

N O T A

Lungimea fisei coloanelor se va stabili în urma forarii ,,în situ,, cu identificarea fisei litologice,
si în urma încercarilor la rupere a coloanelor de proba executate în afara amplasamentului.
Numarul coloanelor de proba a fost stabilit conform prevederilor din EUROCOD.
Capacitatea portanta a coloanelor se va stbili conform prevederilor din EUROCOD, sectiunea
Geotehnica, cu coeficientii pentru încercari ,,în situ,,.
Toate coloanele se vor verifica US.

The length of the columns will be established based on the "in situ" drilling, identifying the
lithological configuration of the soil (Lithological Sheet), after the breakdown tests made on
the testing columns built outside the final location.
The number of the testing columns was established complying with the provisions in EURO CODE.
The columns bearing capacity shall be established complying with the provisions in EURO CODE,
Geotechnical section, using the "in situ" testing coefficients.
All columns shall be checked US.

This drawing is forbidden to be copied, lent or used in other purposes than those previously approved by AREX *Lider* Company as its owner.
Se interzice copierea, difuzarea, imprumutarea sau utilizarea in alte scopuri, fara permisiunea AREX *Lider* Company ca proprietar al desenului.

D					
C					
B					
A	11.2011	Revizia 1	Ionela Ungureanu		
Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EURO
EUROPEAN UNION FINANCED PR

CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT			Data Date	Semnături Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza		——
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli		——
Verificat Checked	Expert Cheie Checking Expert	V.Kalidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Dinulescu Stanciu	11.2011	——
Întocmit Elaborated	Proiectant Designer	Ionela Ungureanu	11.2011	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte component ă a coridorului IV Pan European, pentru circula ţia trenurilor cu viteza maxim ă de 160 km/h,
Tronsonul : Braşov - Sighişoara
Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Braşov - Sighişoara

Proiect/Project
2004/RO/16/P/PA/003

Faza / Phase:
P.Th. / T.D.

Denumire desen / Drawing Title :

INTERVAL APATA - RACOS
PASAJ SUPERIOR / OVER PASS - KM 208+405.181 L=105.20m
DISPOZITIE GENERALA / GENERAL DISPOSITION

Codificare / Codification System	Scara / Scale 1:200	LOT / LOT	Nr. / No 01 / 01

E A 5 1 0 1 C 1 0 P 9 P A 0 0 2 1 0 0 2 1

2624x420=1.10mp