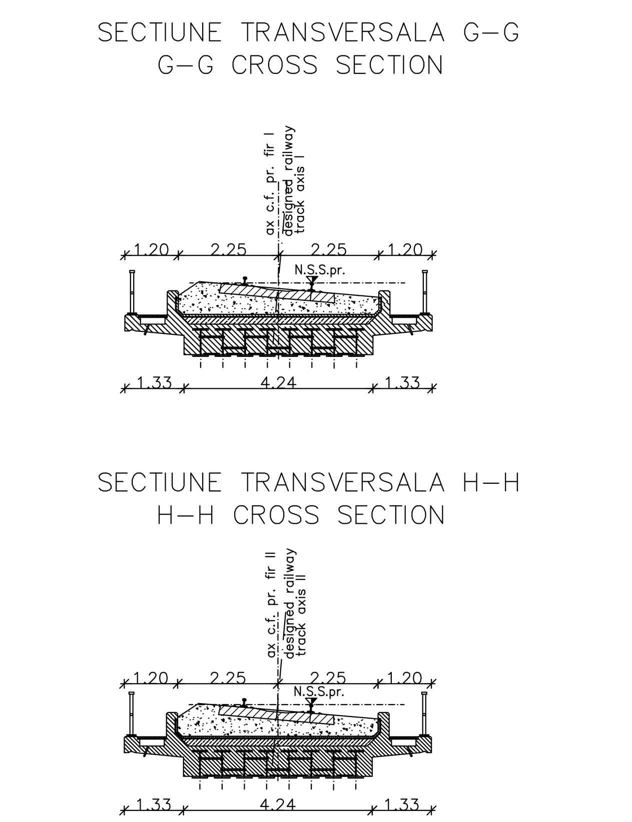

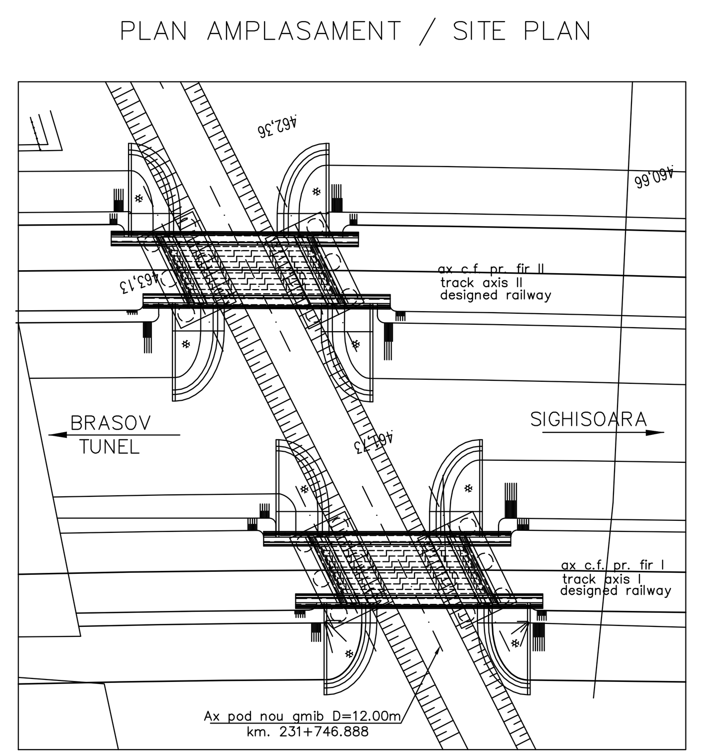

DATE HIDRAULICE		HIDRAULIC DATA	
Inaltimea de apa	h=0.78m	Hidraulic height	h=0.78m
Perimetrul udat	P=6.81m	Perimeter	P=6.81m
Aria udata	A=4.03mp	Surface	A=4.03mp
Vapa de curgere a apei	3.7m/s	Vater flow speed	s=3.7m/s

N O T A

1. Prezentul plan s-a intocmit pe baza urmatoarelor date:
- plan de situatie;
- profil in lung;
- profil transversal;
- calcul hidraulic;
- date culese pe teren.
2. Podul corespunde la convoaiele de calcul UIC (LM71 si SW/2).
3. Noul pod are urmatoarea alcatuire:
  - suprastructura: doua tabliere, cale simpla, din grinzi metalice inglobate in beton;
  - infrastructura: culei din beton armat, fundate pe radier si coloane.
4. 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.
- La proiect sunt atasate instructiunile pentru urmarirea curenta a comportarii in timp si Programul privind controlul calitatii lucrarilor.
5. Daca la executie se vor constata neconcordante intre situatia existenta pe teren si cea din proiect se va anunta proiectantul.
6. Constructia se incadreaza in categoria B de importanta. Constructii de importanta deosebita, modelul 1 de asigurare a calitatii conform HG 766/97.
7. Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2

N O T E

1. This plan has been drawn up based on the following data:
- Layout Plan;
- Longitudinal Profile;
- Cross-section Profile;
- Hydraulic determination;
- Field Data.
2. Bridge convoys calculation corresponds to UIC (LM71 and SW/2).
3. The new bridge has the following structure:
- Superstructure: two decks, for single track, made from metallic girders embedded in concrete with concrete box;
- Infrastructure: abutments and reinforced concrete, with direct foundation.
4. The execution will strictly comply with the provisions of "Practice code for concrete production and works execution, reinforced and ore-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 concrete works."NE 012/2-2010, and the quality and the reception of the works shall be made accordingly to Norm C 56-1985.
5. In case during the execution there will be found out any discrepancies between the existing situation on site and in project, the designer will be anounced.
6. The construction is classified in the B category of importance. Special importance constructions, model 1 for quality ensuring according to HG 766/97.
7. The project will be checked to comply with the requirements A4.2; B2.2; D2.2.

N O T A

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

N O T E

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.

TITLUL PLANŞEI /PLAN TITLE		COD/CODE																				
		a		b		c	d		e		f		h		j	g		i			k	
PLANURI TIP LA PODURI																						
DETAILS FOR WATERPROOFING AND JOINT COVERING	DETALII HIDROIZOLATII SI ROSTURI	E	A	5	1	0	1	E	0	0	Q	K	P	V	0	0	0	0	0	0	3	0

Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
D					
C					
B					
A	12.2011	Revizia 1 1 Revision	Andrei Costan		

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

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

CLIENT / CLIENT

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

			Data Date	Semnătură 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.Kallidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

AREX Lider COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Dinulescu Stanciu	11.2011	
Întocmit Elaborated	Proiectant Designer	Andrei Costan	11.2011	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă 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 RACOS - CATA

Pod Km231+746.888 D=12.00m - DISPOZITIE GENERALA
Bridge Km 231+746.888 - D=12,00m - GENERAL DISPOSITION

Codificare / Codification System	Scara / Scale 1:100	LOT / LOT	Nr. / No 01 / 01

EA51 01 C 12 PA PV 02 2 0 002 1

1700X594