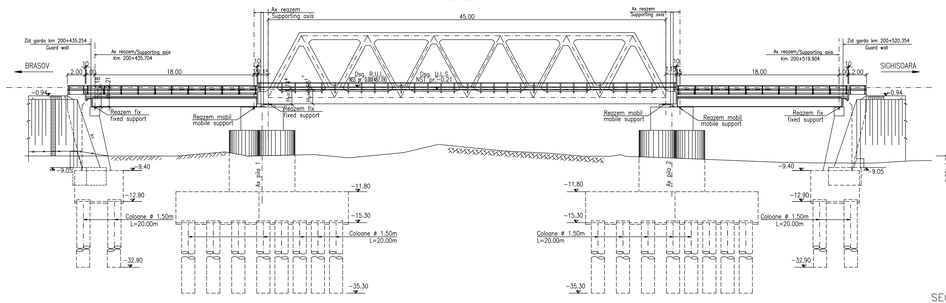
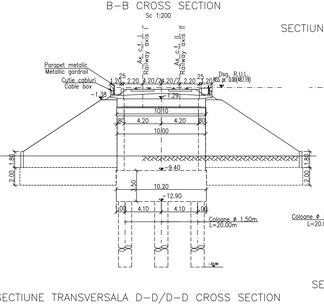
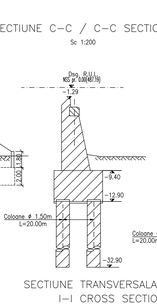
ELEVATIE A–A / A–A ELEVATION
Sc 1:200



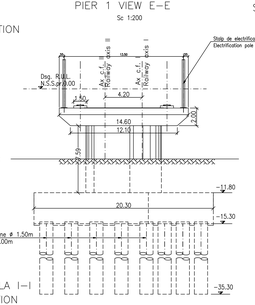
SECTIUNE TRANSVERSALA B–B
B–B CROSS SECTION
Sc 1:200



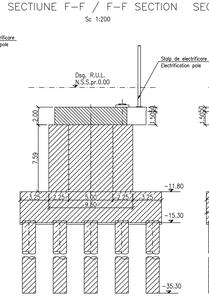
SECTIUNE C–C / C–C SECTION
Sc 1:200



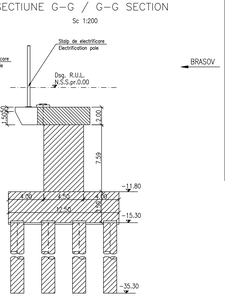
VEDERE E–E PILA 1
PIER 1 VIEW E–E
Sc 1:200



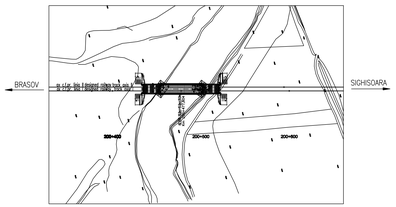
SECTIUNE F–F / F–F SECTION
Sc 1:200



SECTIUNE G–G / G–G SECTION
Sc 1:200



PLAN DE AMPLASAMENT / Overall plan



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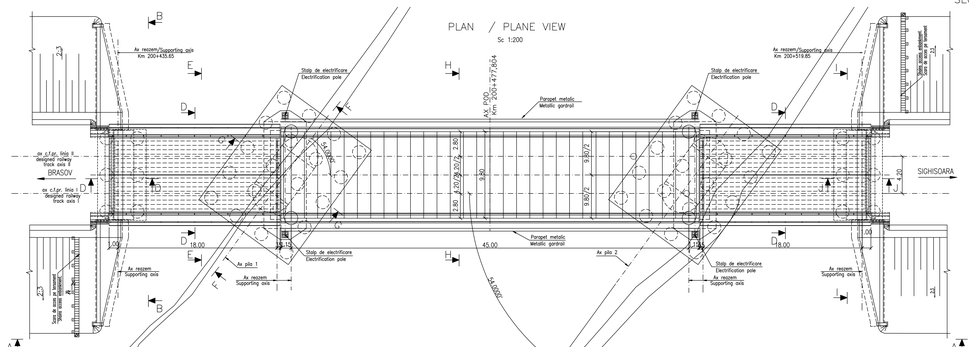
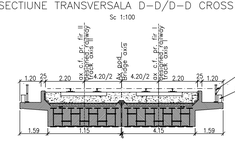
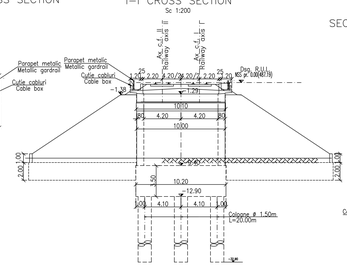
PLAN / PLANE VIEW
Sc 1:200



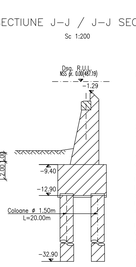
SECTIUNE TRANSVERSALA D–D/D–D CROSS SECTION
Sc 1:100



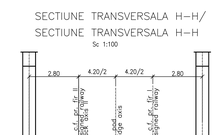
SECTIUNE TRANSVERSALA I–I
I–I CROSS SECTION
Sc 1:200



SECTIUNE J–J / J–J SECTION
Sc 1:200



SECTIUNE TRANSVERSALA H–H/
SECTIUNE TRANSVERSALA H–H
Sc 1:100



N O T A
Lungimea fiecărui colocator se va stabili în urma forari „in situ" cu identificarea fiecă fiziologica, si in urma incercarilor la rupere a colocatilor de proba executate in afara amplasamentului.
Numarul colocatilor de proba a fost stabilit conform prevederilor din EUROCOD3.
Capacitatea portanta a colocatilor se va stabili conform prevederilor din EUROCOD3, anclanse Geotehnica, cu coeficienti pentru incercari „in situ".
Toate colocatele se vor verifica IJS.

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 IJS.

N O T A
1. Prezentul plan s-a intocmit pe baza urmatoarelor date:
– plan de situatie;
– profil in lung;
– profil transversal;
– fisa podului;
– calcul hidraulic;
– date culese pe teren.
2. Podul corespunde la convoalele de calcul LIC (LM71 si SW/2).
3. Noul pod are urmatoarea alcatuire:
– suprastructura: tablier metalic cu axele din beton, pentru cale dublă;
– infrastructura: culei din beton armat, fundate direct si pile din b.a.fundate indirect.
4. Cutele cuzinetuir si inaltimile pe reazem ale tablierelor se vor stabili numai dupa aprovizionarea aparatelor de reazem.
5. 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 CS6–1985.
–La proiect sunt atasate instructiunile pentru urmarirea curenta a comportarii in timp si Programul privind controlul calitatii lucrarilor.
6. Daca la executie se vor constata neconcordante intre situatia existenta pe teren si cea din proiect se va anunta proiectorul.
7. Constructia se incadreaza in categoria de importanta B (construcii de importanta deosebita), modelul 1 de asigurare a calitatii si clasa de importanta B, cont.HG766/1997
8. 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:
– Lay-out Plan;
– Longitudinal Profile;
– Cross-section Profile;
– Bridge's File;
– Hydraulic determination;
– Field Data.
2. Bridge convoys calculation corresponds to LIC (LM71 and SW/2).
3. The new bridge has the following structure:
– Superstructure: metallic deck with concrete box for double track;
– Infrastructure: collected from reinforced concrete pile founded reinforced concrete directly and indirectly founded.
4. Sleeves bearing bushings and height on the decks will be established only after the supply of support equipment.
5. The execution will strictly comply with the provisions of "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.
6. 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 announced.
7. The construction is classified in the B category of importance. Special importance constructions, model 1 for quality ensuring according to HG 766/97.
8. The project will be checked to comply with the requirements A4.2; B2.2; D2.2.

TITLUL PLANSEI /PLAN TITLE		CODIGOIDE											
		a	b	c	d	e	f	h	j	g	i	k	
PLANURI TIP LA PODURI													
DETAILS FOR BEARING BLOCK MADE OF TEFLON AND NEOPRENE	DETALII APARAT DE REAZEM DIN TEFLON SI NEOPREN	B	A	5	1	1	E	E	0	0	K	P	V	0	1	0	0	2	0	0
DETAILS FOR WATERPROOFING AND JOINT	DETALII PENTRU IMPERMEABILIZARE SI ROSTURI	B	A	5	1	1	E	E	0	0	G	K	P	V	0	1	0	0	3	0	0
DRAINAGE SYSTEM		B	A	5	1	1	E	E	0	0	D	K	P	V	0	1	0	0	4	0	0
DETAILS FOR DISCHARGE DEVIANCE	DETALII GURI DE SCURGERE	B	A	5	1	1	E	E	0	0	D	K	P	V	0	1	0	0	5	0	0
DETAILS FOR PARAPETS ON THE DECKS	DETALII PARAPETE PE TABLIER	B	A	5	1	1	E	E	2	0	B	C	P	V	0	1	0	0	1	0	0
FASTENING DETAILS FOR ELECTRIFICATION POLES	DETALII FIXARE/DE STALPI DE ELECTRIFICARE	B	A	5	1	1	E	E	2	0	B	C	P	V	0	1	0	0	5	0	0
STRUCTURAL FORMWORKS OF STEEL BEAM FOR TRUSS BEAM DECK WITH L= 45 m and H= 10.35 m	PLAN GENERAL GRINDA METALICA PENTRU TABLIER GRINDA CAIBRELE L= 45 m SI L= 10.35 m	B	A	5	1	1	E	E	0	0	D	C	P	V	0	1	0	0	1	4	0

D						
C						
B						
A	11.2011	Revizia 1 1st Revision		Maria Campan		
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 EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

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	Semnătură Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator fiecare faza 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Cheie Checking Expert	V.Kalidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Dinulescu Stanciu	11.2011	
Întocmit Elaborated	Proiectant Designer	Maria Campan	11.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte component a a coridorului IV Pan European, pentru circulatia trenurilor cu viteze maxima de 160 km/h,
Tronsonul : Brasov - Sighisoara
Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Brasov - Sighisoara

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

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

Denumire desen / Drawing Title :

INTERVAL / SECTION FELDIOARA - APATA
POD / BRIDGE Km 200+477.804 - D=18.00+45.00+18.00m
DISPOZITIE GENERALA / GENERAL DISPOSITION

Codificare / Codification System		Scara / Scale	LOT / LOT	Nr / No
		01/01		
EA	51	01 C	08 PA PV 01 3 0	0002 1