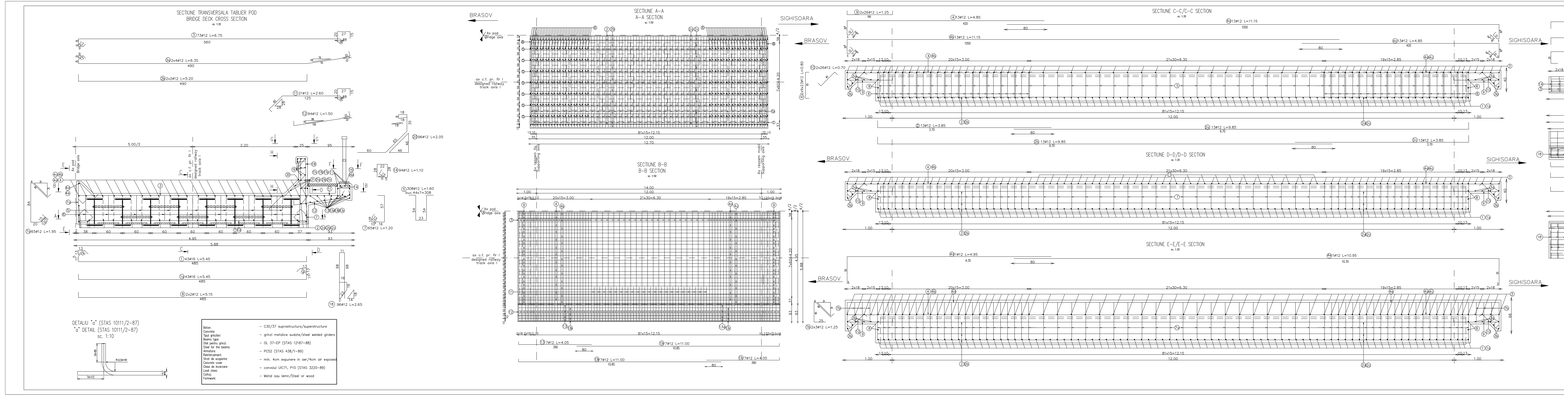

Beton Concrete	- C35/37 supraestructura/superstructure
Apt pentru armare	- otel metalic subtire/steel welded girders
Oel pentru grosi Steel for the heavy	- OL 37-2F (STAS 12361-88)
Armatura Reinforcement	- PC52 (STAS 438/1-89)
Izolatie pe Coverts over	- min. 4cm asfaltoase si sac/form of asphalt
Tablier metalic Cast deck	- consolei UCFL PYD (STAS 3220-88)
Cofraj Formwork	- Metal sau lemn/Steel or wood

NOTA

1. Proiectul stas a fost întocmit pe baza:
   - Caietului de sarcini;
2. Lucrarile se vor executa stiindu-se prevederile din:
   - "Normativ pentru producerea betonului si executarea lucrarilor de beton, beton armat si beton precomprimat/Partea I-Producerea betonului", indicativ NE 012/1-2007;
   - "Normativ pentru producerea betonului si executarea lucrarilor de beton, beton armat si beton precomprimat/Partea 2-Executarea lucrarilor de beton ", indicativ NE 012-2010;
   - "Normativul pentru verificarea calitatii si recepta lucrarilor de constructii", indicativ CR6-06;
   - "Caietul de Sarcini.

NOTE

1. The Plan was drawn up based on the following data:
   - General Disposition;
   - Technical Specifications.
2. During execution the provisions in the following norms should be observed:
   - "Norm for concrete production and works execution, reinforced concrete and prestressed concrete/Part I-Concrete production", NE 012/1-2007;
   - "Norm for concrete production and works execution, reinforced concrete and prestressed concrete/Part 2 - The execution for concrete works ", NE 012/2-2010;
   - "Practice code for acceptance of the construction works", CR6-06;
   - "Specifications book.

NOTA/NOTE

Pentru machetele podului cornete in tirgoul betonarii, se vor monta distantieri inclem 4kg/m2.
Pentru pozitionarea corecta a armaturii se va folosi de armatura.

In order to maintain the correct position during concreting, minimum 4kg/m2 distance pieces shall be mounted.
Reinforcement bars shall be connected to the reinforcing frameworks using wire.

Se interzice sudarea armaturii, inoxurilor, manusilor de protectie, a cablurilor de tensionare, a tablei de pe BEA cuter Furnaris pe bineterior si deasupra. Se interzice sudarea de armatura a unei piese ce se sudeaz la alta pentru ancorare.
Welding of reinforcement, inoxes, protection gloves, tensioning cables on the BEA cuter Furnaris Company on its interior and above.

EXTRAS DE ARMATURA
TABLE FOR REINFORCEMENTS

Nr	Ø	lb	Lunc	PC52	
				BRU	OTH
1	10	40	0.60		24.00
2	10	40	0.60		24.00
3a	12	1	0.85	50.60	
3b	12	1	0.85	134.64	
4a	12	1	0.85	50.60	
4b	12	1	0.85	134.64	
5	12	1	4.74	469.72	
6	12	1	0.85	50.60	
7	12	1	0.85	50.60	
8	12	1	0.85	50.60	
9	12	1	0.85	50.60	
10	12	1	0.85	50.60	
11	12	1	0.85	50.60	
12	12	1	0.85	50.60	
13	12	1	0.85	50.60	
14	12	1	0.85	50.60	
15	12	1	0.85	50.60	
16	12	1	0.85	50.60	
17	12	1	0.85	50.60	
18	12	1	0.85	50.60	
19	12	1	0.85	50.60	
20	12	1	0.85	50.60	
21	12	1	0.85	50.60	
22	12	1	0.85	50.60	
23	12	1	0.85	50.60	
24a	12	1	0.85	50.60	
24b	12	1	0.85	134.64	
25a	12	1	0.85	50.60	
25b	12	1	0.85	134.64	
26	12	1	0.85	50.60	
27a	12	1	28.13	2496.68	
27b	12	1	28.13	2496.68	
28	12	1	0.85	50.60	
29	12	1	0.85	50.60	
30	12	1	1.20	71.40	
31	12	1	1.20	71.40	
32	12	1	1.20	71.40	
33	12	1	1.20	71.40	
34	12	1	1.20	71.40	
35	12	1	1.20	71.40	
36	12	1	1.20	71.40	
37	12	1	1.20	71.40	
LUNGIMEA			TOTAL	4616.76	
GREUTATEA (kg)			0.888	1.578	
GREUTATEA TOTALA (kg)			4100.00	2490.00	

GREUTATE PE TIP DE OTEL
TOTAL: 6 TUBURI: 1 x 40/Tip=6124kg
TOTAL: 2 BICIDE: 1 x 40/Tip=2144kg
TOTAL: 4 TUBURI: 4 x 40/Tip=6100kg
TOTAL: 4 BICIDE: 4 x 40/Tip=1600kg

0			
A			
B			
C			
Cod / Code	Data / Date	Modificat / Modified by	Verificat / Checked by	Aprobat / Approved by	Aprobat CTE / Approved by CTE

GUVERNUL ROMANIEI
PROIECT FINANTAT DE UNIUNEA EUROPEANA
FONDURI DE COEZIUNE
PROJECT FINANCED BY THE EUROPEAN UNION
FUNDS FOR COHESION

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

CLIENT / CLIENT

FILIASI DE CALE FERATA
AND RAILWAY LINES

DIRECTIA DE CALI FERATE
RAILWAY LINES DIRECTORATE

OBERMEYER
CONSULTANTI / CONSULTANTS

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

Functie / Function	Nume / Name	Data / Date	Semnatura / Signature
Director proiect / Project Director	M. Ciocea		
Verificator / Checker	C. Gavrilă		
Proiectant / Designer	V. Kalkowska		

SUBCONTRACTANT / SUBCONTRACTOR: ASOCIERE / JOINT VENTURE

Verificat / Checked by	Alexandru Constantin	Pt. Director / Director	01.2014
Verificator / Checker	Ciprian Ciocan		
Proiectant / Designer	Vladimir Cazacu	Arsene Cazacu	01.2014

Realizarea lucrarilor de cale ferata Brasov - Simeria, parte componenta a coridorului / Project/Project: IV Pan European, pentru structura feroviara cu viteza maxima de 160 km/h.
Modernizarea liniei de cale ferata Brasov - Simeria.
Modernization of the railway line Brasov - Simeria, component part of the IV Pan-European Corridor, for the railway structure with speed of 160 km/h.

Section / Section: Brasov - Sighisoara

Denumire obiect / Drawing Title: ESTATA/STATION RACOS
POD km.222+580,690 L=12.00m/PLAN ARMARE SUPRASTRUCTURA
/ PLAN OF REINFORCEMENT
BRIDGE km.222+580,690 L=12.00m/SUPERSTRUCTURE REINFORCEMENT
PLAN, TRACK I, II, III and IV

Contract / Contract Code: 2007/RO/16/P/PA/001

Faza / Stage	Proiect / Project	Obiect / Object	Capitol / Chapter	Obiect / Object	Subobiect / Subobject	Revizia / Revision
D.E.T.A.L	0	1	1.1	0.2	2	3	0.1.0	0

Scara / Scale: 1:50
Data / Date: 01.2014
Desenat / Drawn by: Arsene Cazacu
Verificat / Checked by: D.E.T.A.L

42024700