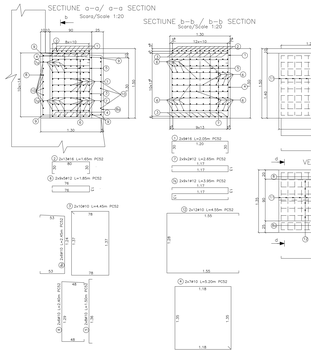
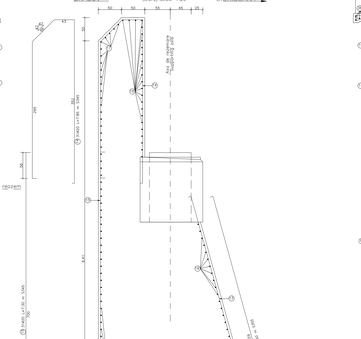
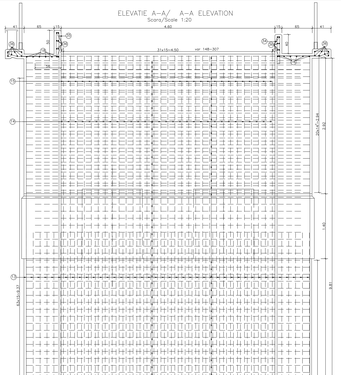
ARMAREA CUZINETILOR SI A BANCHETEI CUZINETILOR PENTRU O CULEE
Scara/Scale 1:20



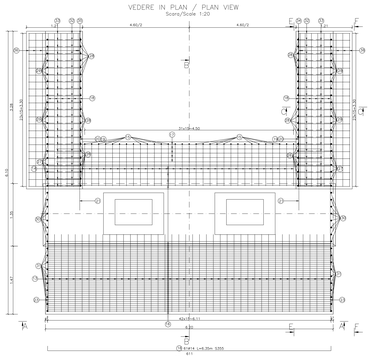
SECTIUNE TRANSVERSALA B–B
B–B SECTION CROSS SECTION
Scara/Scale 1:20



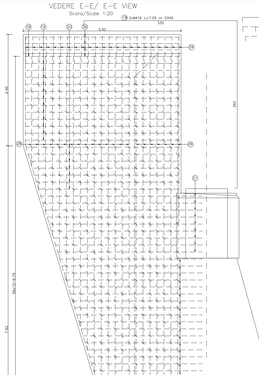
ELEVATIE A–A/ A–A ELEVATION
Scara/Scale 1:20



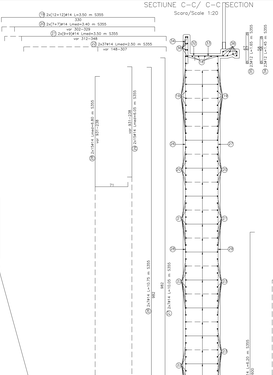
VEDERE IN PLAN / PLAN VIEW
Scara/Scale 1:20



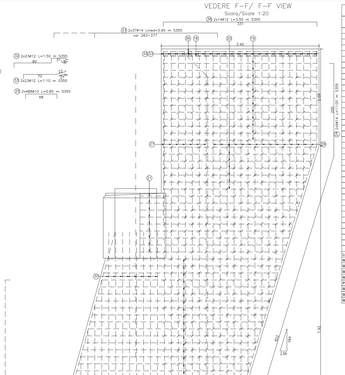
VEDERE E–E/ E–E VIEW
Scara/Scale 1:20



SECTIUNE C–C/ C–C SECTION
Scara/Scale 1:20



VEDERE F–F/ F–F VIEW
Scara/Scale 1:20



EXTRAS DE ARMATURA PENTRU CULEE BRASOV
REINFORCEMENT FOR ABUTMENTS BRASOV

Marca	Diametru Long. buc. [m]	Nr buc	C10	c10c2	c12c4	c12d6	c12d2
1	16	2.20	18			36.60	
2	16	1.65	28			42.90	
3	12	8.00	28	89.60			
4	12	8.20	14	72.80			
5	10	1.50	16	24.00			
6	12	1.65	90		148.50		
7	12	2.05	38		38.40		
8	12	2.40	12		11.52		
9	12	2.45	12	28.80			
9a	12	2.45	12	29.40			
9b	12	2.45	12				79.80
9c	20	2.75	24				66.00
10	12	4.40	24	105.40			
11	12	6.40	24	138.00			
12	12	4.00	24	106.20			
13	12	8.00	42			279.90	
14	20	7.85	31				243.30
15	20	8.00	31				235.20
16	14	6.35	67			387.50	
17	14	6.35	67			412.05	
18	14	3.50	48				84.00
19	14	3.50	48			168.00	
20	14	2.40	38			38.20	
21	14	3.50	38			126.00	
22	14	3.50	38			126.00	
23	14	2.90	74			214.60	
24	14	11.00	11			132.00	
25	14	0.85	676	629.90			
26	14	10.75	14			150.50	
27	14	10.75	14			150.50	
28	14	6.00	36			216.00	
29	14	6.05	30			181.50	
30	14	6.20	18			66.30	
31	14	3.00	18			54.00	
32	14	1.50	66	99.00			
33	14	1.50	66	99.00			
34	17	1.45	22	31.90			
35	17	1.65	68	112.20			
36	14	3.50	28	98.00			
Lungime totala pe diametru			[m]	1192.80	340.11	2897.10	104.40	615.45
Greutate pe metru liniar			[kg/m]	0.617	0.888	1.208	1.578	2.466
Greutate totala			[kg]	736.04	301.94	3500.62	164.73	1517.79
Greutate pe tip otel			[kg]	5004.62			2177.27	
Greutate totala cuiere			[kg]	6842.09				
Procent 1%			[kg]	342.10				
Greutate totala a cuiere			[kg]	7200.00				
Greutate totala beton (2 culee)			[kg]	2600.00				
Greutate totala pod. (2*2 culee)			[kg]	28800.00				

Nr. Ex.	Data	Modificare	Proiectat	Verificat Coordonator	Aprobat DTA
		Modification	Designed	Checked Coordinator	Approved DTA

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANCIAT DE UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED

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

CLIENT / CLIENT

FRIEDLI AG
Joint venture leader

SYSTRA
Joint venture member

OBERMEYER
S.COST / MEDITECH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

			Semnat / Signed
Director Director	Ing. Cristian Ionescu		
Coordonator Proiectare Coordinator Design	Ing. Ovidiu Ciobanu	M. Lozovan	
Coordonator Proiectare Coordinator Design	Ing. Ovidiu Ciobanu	C. Gavrilă	
Proiectant Designer	Ing. Ovidiu Ciobanu	V. Fătăhălălie	

SUBCONTRACTANT / SUBCONTRACTOR

Director Director	Dumitrescu Constantin	A.Marin / Ghe.Marin	10.2012
Coordonator Proiectare Coordinator Design	Ing. Ovidiu Ciobanu	Ovidiu Ciobanu	10.2012

Proiectarea Drum de acces Sud la Podul Giurgiu - Ruse, parte componentă a coridorului IV Paneuropean, pentru situația transportului cu viteza maximă de 160 km/h.
/Project/Project
Rehabilitare drum de acces Sud la Podul Giurgiu - Ruse, parte componentă a coridorului IV Paneuropean, pentru situația transportului cu viteza maximă de 160 km/h.
/Project/Project
Contract, for the items designed with transport speed of 160 km/h.
Faza / Phase:
D.E. / E.D.

Detaliere beton / Drawing Title: INTERVAL 1 SECTIUNI APATA -RAZOR
Viaduct Km 212+287.73–L=346.50m/
Viaduct Km 212+287.73–L=346.50.00m

PLAN ARMARE CULEI /ABUTMENTS REINFORCEMENT PLAN

Cod/Nume Codificare/ Number	Scara/Scale	Data/Date	Nr. Pl. Sheet No.
	1:20	10.2012	01-120

E.A.B.1 C.1 E 1.9 B-C P.V. C.1 B 2 E.B.7.B