

MASURATOAREA MATERIALULUI METALIC NECESAR PENTRU PARAPET / MEASUREMENT FOR THE METALLIC MATERIAL REQUIRED FOR THE POLE

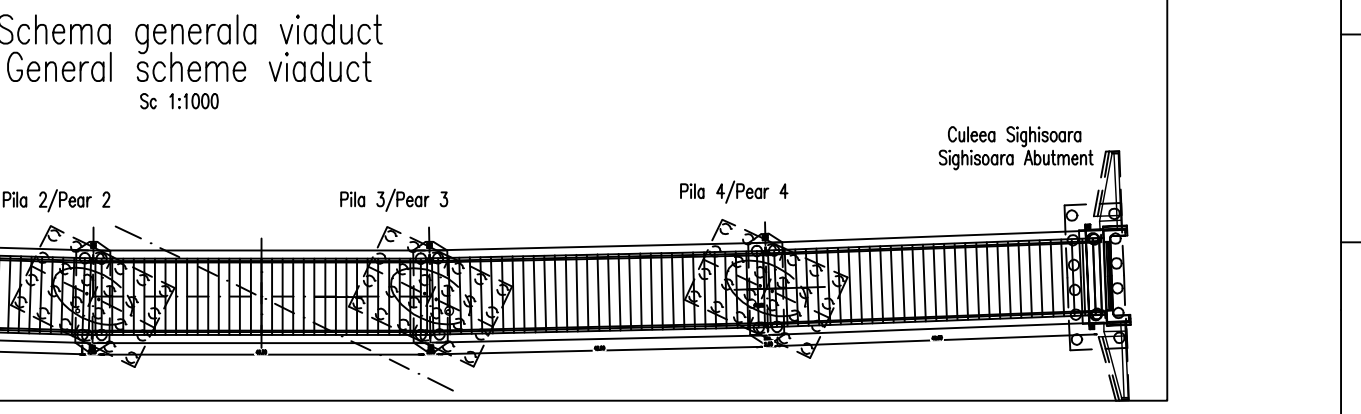
Poz. / Piece	Denumirea materialului / The denomination of the material	Buc. / Section	Lung. / Long. (mm)	Sectione / Section	kg/ml / kg/buc	kg
P1	Mona curenta / Handrail	2	90x50x3,2	3000	6,71	20,13
P2	Stalp parapet / Parapet pole	6	70x70x4	960	8,29	7,96
P3	Umplutura / Filling	2	60x50x3,2	3000	5,78	17,34
P4	Placuta de baza / Baseplate	6	200x20	200	31,40	6,28
P5	Suruburi M16 / Bolts M16	24	ø16-130	-	0,231	5,55
P5	Plute M16 / Nuts M16	48	-	-	0,031	1,50
P5	Soabe / Washers	24	-	-	0,011	0,30
Total partial / Partially total						167,80
Sufura 3% / Welding 3%						5,04
TOTAL kg						172,85

NOTA / NOTE:

- Prezentul plan s-a intocmit in conformitate cu dispozitiile generale EA510108BPAPV1500020-2011.
- Executiile partilor superioare ale cuzinetelor, amplasate deasupra banchetelor cuzinetelor, se va face numai dupa procurarea aparatelor de reazem.
- La executia se vor respecta cu strictitate 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 receptiunea lor se va face conform normativului C56-1985.
- Construcția se încadrează în categoria B de importanță. Construcții de importanță deosebită, modelul 1 de asigurare a calității conform HG 766/97.
- Podul corespunde la convosiile de calcul UIC (UM71 și SW/2).

NOTE:

- This plan has been drawn up according to the general layout EA510108BPAPV1500020-2011.
- The upper parts of the bearing placed over the bearing seat shall be built only after the procurement of the bearing blocks. The upper level of the bearings shall be established after the procurement of the bearing blocks depending on the height of the each bearing block type. The inverted walls and the guard wall shall be carried out after putting the deck on the supports.
- 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 concrete works" NE 012/2-2010, and the quality and the reception of the works shall be made according to Norm C 56-1985.
- The construction is classified in the B category of importance. Special importance constructions, model 1 for quality ensuring according to HG 766/97.
- Bridge conveys calculation corresponds to UIC (UM71 and SW/2).



LEGENDA BETOANELOR/CONCRETE LIST

	Beton armat in bancheta cuzinetelor / Reinforced concrete in the cushions and cushions bench
	Beton armat in elevatiile si in sidurile intorsor / Reinforced concrete in the elevation of abutments and inverted walls
	Beton simplu in fundatii / Plain concrete in abutment foundations
	Beton in stratul de protectie al hidroizolatiei / Concrete in the protection layer of the waterproofing

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ATENTIE / ATENTION / ATTENTION

Aplicarea aparatelor de reazem se va face inaintea executarii cuzinetelor si a banchetelor acestora. In cazul in care inaltimea aparatelor de reazem aproxiativ este diferita de cea considerata in proiect se vor modifica inaltimea pe reazem corespunzator cu noile aparate. / The bearing blocks shall be supplied before building the bearings and their seats. In case the height of the supplied bearing blocks differs from that given in the project, the heights on the seats shall be adjusted so as to comply with the new devices.

Indice / Index	Data / Date	Modificari / Modifications	Proiectant / Designer	Aprobat / Approved	Consultant / Consultant	Aprobat / Approved
D						
C						
B						
A						

CLIENT / CLIENT

GVERNUL ROMANIEI / ROMANIAN GOVERNMENT

PROIECT FINANAT DE UNIUNEA EUROPEANA / EUROPEAN UNION FINANCED PROJECT

CFR

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

CONSULTANT / CONSULTANT

Aprobat / Approved	Suf proiect / Project manager	R. Lizza	Data / Date	Semnatura / Signature
Aprobat / Approved	Coordonator Sectiune 1 / Section 1 Coordinator	C. Gambelli		
Verificat / Checked	Expert Cheie / Key Expert	V. Kallidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat / Approved	Responsabil Subcontractant / Subcontractant Responsible	A. Dinulescu Stanclu	12.2011	
Elaborat / Elaborated	Proiectant / Designer	Olar Mihail Adrian	12.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte component 8 a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h, Tronsoanel: 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

Denumire desen / Drawing Title :

VIADUCT Km.Pr 201+573.56, L=236.2m / PLAN COFRAJ CULEE BRASOV / VIADUCT Design Km.201+573.56, L=236.2m / BRASOV ABUTMENT FORMWORK PLAN

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No
E A 5 1 0 1 E 0 8 B B P V 0 1 5 2 0 0 3 0	1:1000 1:100 1:20 1:5		01 / 01