



### MATERIAL METALIC PENTRU CONFECTIONAREA PARAPETULUI / THE METALLIC MATERIAL TO BUILD PARAPET OF CULVERT

Poz. / Pos.	Denumirea materialului / The denomination of the material	Buc.	Sectiune / Section	Lung / Long. (mm)	Sectiune / Section		
					kg/ml	kg/buc	kg
P1	Placuta prindere / Clamping plate	8	200x20	200	31,40	6,28	50,24
P2	Stalp parapet EN 10297 - E275	8	70x4	970	6,51	6,32	50,56
P3	Mana curenta EN 10297 - E275	2	70x4	5950	6,51	38,73	77,47
P4	Umplutura EN 10058	6	38x3,5	1550	2,98	4,62	27,71
P5	Liso EN 10058	6	38x3,5	1550	2,98	4,62	27,71
Total partial / Partially total							233,69
Sudura 2% / Welding 2%							4,67
TOTAL							239

D						
C						
B						
A	11.2011	Revizia 1		Dinu Andrea		
Index	Date	Modificare / Modification/Revision		Proiectant / Designer	Aprobat / Consultant / Approved Consultant	Aprobat CFR / Approved CFR

**GUVERNUL ROMANIEI / ROMANIAN GOVERNMENT**

**PROIECT FINANȚAT DE UNIUNEA EUROPEA / EUROPEAN UNION FINANCED PR**

**CLIENT / CLIENT**

**CFR**

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

**CONSULTANT / CONSULTANT**

**ITALFERR** GRUPPO FERROVIE DELLO STATO Joint Venture leader

**Scot Wilson**

**OBERMEYER PLANEN + BERATEN GmbH**

**TECNIC** Consulting Engineers

**CONSULTANT / CONSULTANT**

Approved / Approved	Sat/proiect / Project manager	R. Liuzzza	Date / Date	Semn. tur / Signature
Approved / Approved	Coordonator Sectiune 1 / Section 1 Coordinator	C. Gambelli		
Verificat / Checked	Expert Cheie / Checking Expert	V.Kallidromitis		

**SUBCONTRACTANT / SUBCONTRACTOR**

**ARX**

Approved / Approved	Responsabil Subcontractant / Subcontractant Responsible	A. Dinulescu Stanciu	05.2011	
Elaborat / Elaborated	Proiectant / Designer	Dinu Andrea	05.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxim 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**

Denumire desen / Drawing Title : **INTERVAL FELDIOARA - APATA / FELDIOARA - APATA SECTION PASAJ INFERIOR - km 199+836.430 / km 199+836.430- UNDERPASS DISPOZITIE GENERALA / GENERAL DISPOSITION**

Codificare / Codification System

Scara / Scale 1:100; 1:5

LOT / LOT

Nr. / No 01/01

**E A 5 1 0 1 C 0 8 P A P O 0 1 8 1 0 0 2 1**