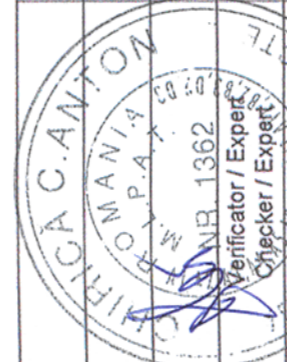







**Regular Cross**  
**Section H = 7.00 m - 13.00 m**  
 M=1:50

**Fir II / Track II**

**Legend:**

1. Leveling concrete, class C12/15
2. Retaining wall foundation made of reinforced concrete, class C 30/37; XA1, XC4, XF2, watertight (WU)
3. Header shell reinforced concrete, class C 30/37; XA1, XC4, XF2, watertight (WU)
4. Weeper made of PVC Ø50mm
5. Drain foundation made of plain concrete, class 16/20
6. PEHD tube Ø150mm, slitted or drilled at the upper part (120°)
7. Corner region filling made of gravel sort 7/31
8. 2-Layers Hydroway 2000, width 18"
9. Geotextile with separation role (1000g/m²)
10. weeper made of PVC Ø110mm
11. Shotcrete shell made of reinforced concrete C25/30, XF1
12. Boreholes for drainage shotcrete shell, Ø50mm, 2pieces/m², arrangement in vertical lines
13. Permanent rocknails, BSt 500S, GEWI, boreholediameter 150m, a=1.50m, b=1.50m (micropiles)
14. Even bed of shotcrete beside Hydroway
15. Railing made of steel with corrosion protection
16. Drainage trough, precast concrete, install in mortar bed
17. Vegetation layer d≥10cm
18. Coconut mat with grass seed and wooden dowels
19. Concealed joint placed at a height of 6m

											
Cerinta / Requirement Verificator / Expert Checker / Expert Inginer / Engineer VERIFICATOR		Semnatura / Signature		Beneficiar / Beneficiary:		Referat / Expertiza Report / Expertise		Data / Date		Semnatura / Signature	
Aprobat / Approved		Verificat / Checked		Aprobat / Approved		Proiectat / Designed		C. Teodorescu		06/2013	
Sef de echipa / Team leader		Expert Cheie / Key Expert		Adjunct Sef de echipa / Deputy Team leader		Inginer / Engineer		M. Diegmann		06/2013	
D. Ciotarnel		J. Werfling		D. Ciotarnel		J. Werfling		06/2013		06/2013	
PROIECTANT / DESIGNER:											
"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componenta a coridorului IV Pan - European pentru circulatia trenurilor cu viteza maxima de 160 km/h" Tronsozul 2: km 614-Gurasada											
"Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h" Section 2 :km 614-Gurasada											
Denumire desen / Drawing name: RETAINING WALLS, REGULAR CROSS SECTION H = 7,00 m to 13.00 m											
Scara / Scale 1:50				Cod desen / Drawing Code RWC 2				Nr / No RWC 2			