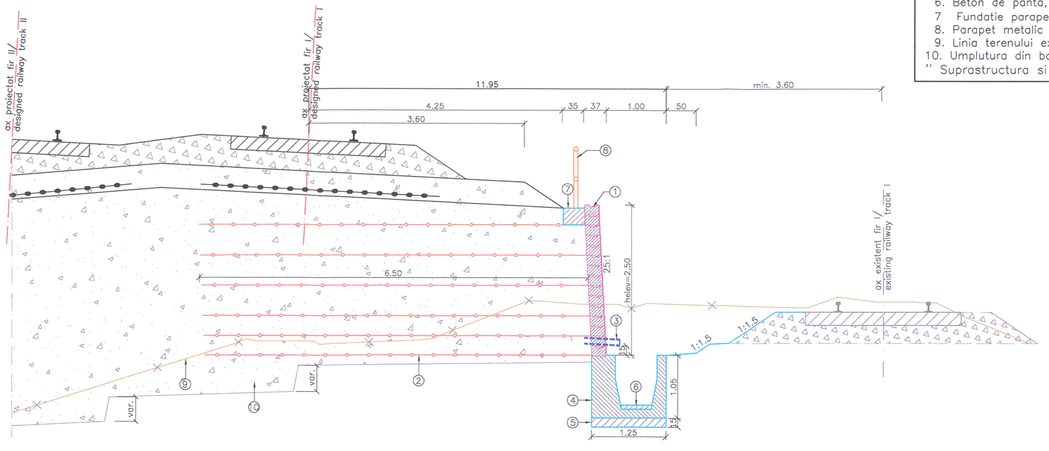
PROFIL TRANSVERSAL TIP 1 /CROSS SECTION TYPE 1

Zid de sprijin din pamant armat cu geogrile si fatada din blocheti
Retaining wall of soil consolidated with geogrids and fatade of concrete modular elements
km 516+180.00 – km 516+349.00, L=169m



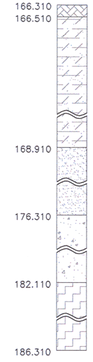
LEGENDA:
1. Fatada din blocheti 150x220x400
2. Geogrila uniaxiala
3. Barbacana din tub PEHD Ø110mm
4. Rigola, C30/37
5. Beton de fundatie, C12/15
6. Beton de panta, C16/20
7 Fundatie parapet metalic C16/20
8. Parapet metalic
9. Linia terenului existent
10. Umplutura din balast conform Caiet de sarcini '' Suprastructura si Terasamente c.f.''

LEGEND:
1. Fatade of concrete modular elements 150x220x400
2. Uniaxis geogrid
3. Weeper of Ø110mm PEHD tube
4. Gutter, C30/37
5. Foundation concrete, C12/15
6. Slope concrete, C16/20
7. Foundation of metallic handrail C16/20
8. Metallic handrail
9. Line of existing land
10. Filling made of ballast according to Technical Specifications ''Railway Superstructure and Embankments''

LEGENDA BETOANELOR/CONCRETE LEGEND

- Beton de egalizare clasa C12/15, X0
  Equlisation concrete class C12/15, X0
- Beton simplu clasa C16/20, XC2
  Plain concrete class C16/20, XC2
- Beton armat clasa C30/37, XF1+XC4
  Reinforced concrete class C30/37, XF1+XC4

FISA FORAJULUI (BOREHOLE LOG) 6F
cota sondajului –2.00m fata de NST fir I existent (166.310 cota topo) km 517+460 existent, stg 15.50m din ax c.f. fir I existent (km 517+460 existing, in shaft design right 6.20m)



Sol vegetal / Vegetal soil

Umplutura din piatra sparta colmatata cu praf argilos, indesata; de la 1.60m umplutura din praf nisipos, cafeniu, in amestec cu rara piatra, pietris si rar bolovanis, plastic consistenta – plastic vartoasa / Filling made of crushed stone clogged with clayey dust, compacted; starting from 1.60m filling made of brown color sandy dust mixed with seldom stone, gravel and seldom boulders, plastic consistent – plastic stiff.

Nisip prafos, cafeniu, in amestec cu rar pietris, plastic vartos; de la 8.00m cu slab liant prafos / Brown color dusty sand, mixed with seldom gravel, plastic stiff; starting from 8.00m mixed with poor dusty binder.

Pietris in amestec cu nisip neuniform, cafeniu–cenusiu si rar bolovanis mare, umed, cu indesare medie – indesata; de la 10.80m saturat / Gravel mixed with uneven sand of brown–grey color and seldom big–size boulders, moist, of medium compaction – compacted; starting from 10.80m saturated.

Bazalt fisurat; de la 16.50m compact, tare /Cracked basalt; starting from 16.50m compacted, hard

NOTA:
1. Fixarea geogrilei intre blocheti se va face conform detaliilor furnizorului de blocheti
2. La dimensionarea structurilor din pamant armat cu geogrile si fatada din blocheti s–au folosit date geotehnice din fisa forajului 6F de la km 516+400 proiectat(km 517+460 existent).

NOTE:
1. Fastening of geogrid between the concrete modular elements is done according to the details provided by the concrete modular elements supplier.
2. When dimensioning the earth structures consolidated with geogrids and façade of concrete modular elements, there were used geotechnical data from the sheet of boring 6F carried out at designed km 516+400 (existing km 517+460).

Acest plan anuleaza si inlocuieste versiunea anterioara.
This plan cancels and replaces previous version.

Verificator / Expert Checker / Expert	Cerinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :
COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY

			Data Date	Semnatura Signature
Aprobat Approved	Sef de echipa Team leader	C. Teodorescu	01.2013	
Verificat Checked	Expert Cheie Key Expert	L. Marculescu	01.2013	

Subcontractant / Subcontractor: VIOTOP

Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Proiectant Designer	I. Osiac	01.2013	

"Reabilitarea liniei c.f. Frontier ă - Curtici - Simeria , parte componentă a coridorului IV Pan - European pentru circula ția trenurilor cu viteză maximă de 160 km/h"
Tronsonul 2-C : cap Y Ilteu - cap Y 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-C : end Y Ilteu - end Y Gurasada

Project 9i 35311.1

Faza / Phase: PTh +CS / TD + TS

Denumire desen / Drawing Title :
STATIA CAMPURI SURDUC
Profil transversal tip 1 / Cross section type 1

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr. / No
1:50	1/16.05.2013	PT.02.01.18.CO.201	02/05