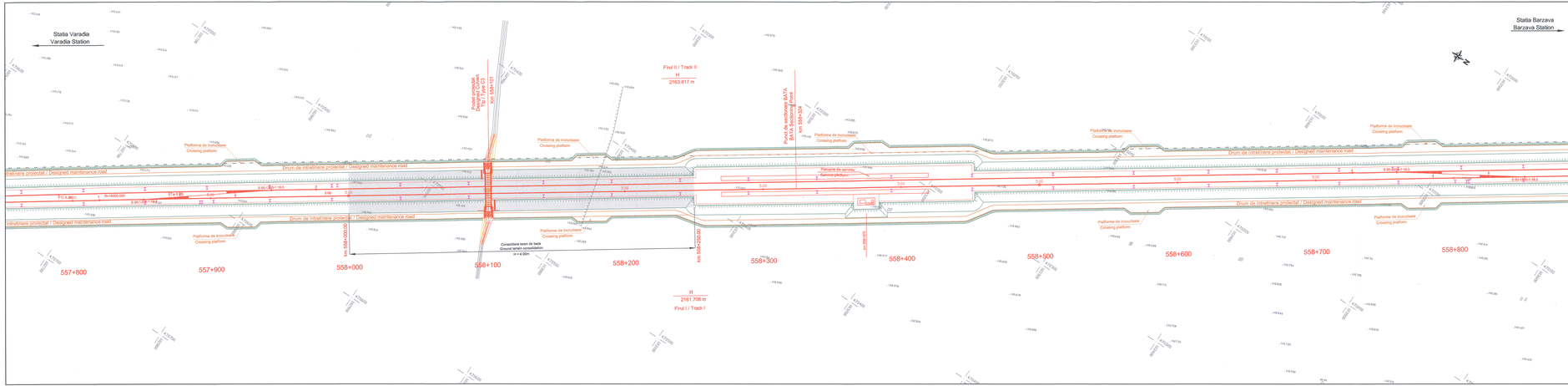

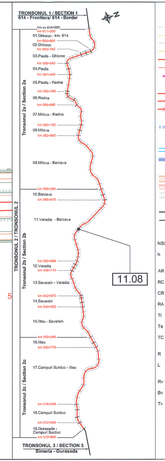

LEGENDA / LEGEND

- Ax c.f. existent / Existing railway axis
- Ax c.f. desfiintat / Dismantled railway axis
- Aparat de cale existent / Existing turnout
- Aparat de cale desfiintat / Dismantled turnout
- Ax c.f. proiectat / Designed railway axis
- Aparat de cale proiectat / Designed turnout
- Aparat de compensare / Expansion device
- Dispozitiv de ridicat vagoane / Lifting device for derailed wagons
- Panou de racordare / Transition panel
- Joantă de compensare / Rail expansion joint
- Contrarenvi / Check rails
- Marca de ajgumarie / Fouling point
- Dren longitudinal cu camin de vizitare / Longitudinal drain with inspection manhole
- Camin de separare hidrocarburi / Light liquids separation manhole
- Teava metalica de protectie / Metal pipe protection
- Sant din beton / Concrete ditch
- Borne de reper / Benchmarks
- Drum de intretinere proiectat / Designed maintenance road
- Treiasmant proiectat / Designed embankment
- Protectie talus cu armocemente / Riprap slope protection
- Stalp al liniei de contact / Designed contact line pole
- Zona CFR / CFR Zone
- Limita de siguranta / Safety limit

NSS nivel superior sina
top of rail
hi inaltimea/panta cali, in mm
superelevation, in mm
AR alinieament-racordare, punctul de trecere din alinieament in curba progresiva
tangent to spiral, transition point from tangent to spiral
RC racordare-curba, punctul de trecere din curba progresiva in curba circulara
spiral to circular curve, transition point from spiral to circular curve
CR curba-racordare, punctul de trecere din curba circulara in curba progresiva
curve to spiral, transition point from circular curve to spiral
RA racordare-alinieament, punctul de trecere din curba progresiva in alinieament
spiral to tangent, transition point from spiral curve to tangent
TI punct de intrare in curba
point of change from tangent to circular curve
Ta tangenta de teste
point of change from circular curve to tangent
TC punct de tangenta comuna intre doua curbe circulare
common tangent point between two circular curves
R raza curbei circulare, in m
radius of circular curve, in m
L lungimea curbei progresive, in m
length of spiral, in m
Rv raza curbei de racordare in plan vertical, in m
radius of vertical curve, in m
Bv bisectoarea curbei de racordare in plan vertical, in m
bisector of vertical curve, in m
Tv tangenta curbei de racordare din plan vertical, in m
tangent of vertical curve, in m

Acest plan anuleaza si inlocuieste planul nr. PT.02.01.11.TS.101 - 08/15 elaborat la data 01.2013
This layout plan canceled and replaced layout plan no. PT.02.01.11.TS.101 - 08/15 prepared on 01.2013

Verificator / Expert Cauditor / Expert	Cerinta Reculement	Semnatura Signature	Refferal / Expertiza Report / Expertise

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY:
COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY

			Data Date	Semnătura Signature
Aprobat Approved	Şef de echip/ Team leader	C. Teodorescu	01.2013	
Verificat Checked	Expert Cheie Key Expert	L. Mărculescu	01.2013	
Subcontractant / Subcontractor		VIOTOP		
Aprobat Approved	Adjunct Şef de echip/ Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Inginer Engineer	E. Gonea	01.2013	

"Reabilitarea liniei c.f. Frontiera A - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulaţia trenurilor cu viteza maximă de 160 km/h"
Tronsonul 2-B : cap Y Bârzava - cap Y Illeu
"Rehabilitation of the Railway Line Frontiera A - Curtici - Simeria, component Part of the IV Pan - European Corridor on the Train Circulation with maximum speed of 160 km/h"
Section 2-B : end Y Bârzava - end Y Illeu

Project Nr 353111.1

Faza / Phase: PTh +CS / TD + TS

Denumire desen / Drawing name:
Plan de situatie - Interval Vărădia - Bârzava
Vărădia - Bârzava Section - Layout Plan
km 557+000 - km 558+800

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:1000	1/16.05.2013	PT.02.01.11.SU.101	08/ 15