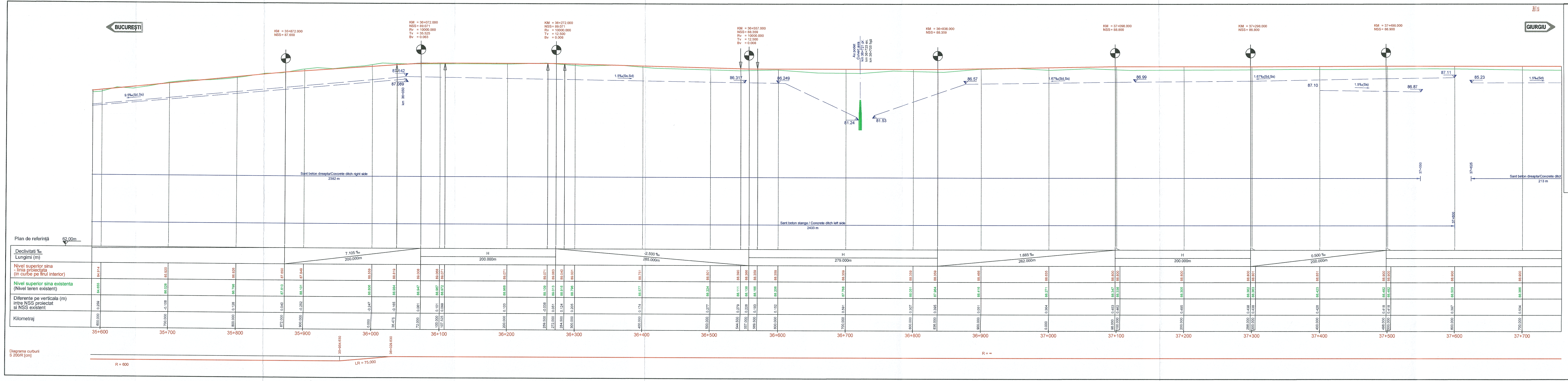
BUCUREȘTI
GIURGIU
Sen km
Plan de referință 62.00m
Declivitati ‰
Lungimi (m)
Nivel superior sina - linia proiectata (in curbe pe firul interior)
Nivel superior sina existenta (Nivel teren existent)
Diferente pe verticala (m) intre NSS proiectat si NSS existent
Kilometraj
Diagrama curburii S 200/R [cm]
R = 600
LR = 75.000
7.105 ‰ 200.000m
H 200.000m
-2.500 ‰ 285.000m
H 279.000m
1.665 ‰ 262.000m
H 200.000m
0.500 ‰ 200.000m
Sant beton dreapta/Concrete ditch right side 2392 m
Sant beton stanga / Concrete ditch left side 2433 m
Sant beton dreapta/Concrete ditch 213 m
35+600
35+700
35+800
35+900
36+000
36+100
36+200
36+300
36+400
36+500
36+600
36+700
36+800
36+900
37+000
37+100
37+200
37+300
37+400
37+500
37+600
37+700

LEGENDA / LEGEND

NSS	nivel superior sina top of rail
AR	aliniament-racordare, punctul de trecere din aliniament 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 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-aliniament, punctul de trecere din curba progresiva in aliniament spiral to tangent, transition point from spiral curve to tangent
Ti	tangenta de intrare point of change from tangent to circular curve
Te	tangenta de iesire 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
LR	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

Ax statie / Station axis
Ax P.O. / Stopping point axis
Trecere la nivel proiectata / Designed level crossing
Trecere la nivel existenta / Existing level crossing
Pod proiectat / Designed bridge
Podet proiectat / Designed culvert
Pasaj superior existent / Existing overpass
Pasarela pietonala / Designed footbridge

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT
UNIUNEA EUROPEANĂ

GUVERNUL ROMÂNIEI
GOVERNMENT OF ROMANIA

Instrumente Structurale 2014-2020

BENEFICIAR
BENEFICIARY:
COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.
ROMANIAN RAILWAY NATIONAL COMPANY

PROIECTANT/
DESIGNER:
ASOCIEREA/
JOINT
VENTURE:
BAICONS Impex SRL
J40/9877/2001
&
INGENIERIA ESPECIALIZADA OBRA CIVIL E INDUSTRIAL SA
J40/20534/2004

DENUMIRE PROIECT/ DENUMIRE LUCRARE:
PROJECT TITLE/ WORKS TITLE:
MODERNIZAREA INFRASTRUCTURII DE CALE FERATĂ DINTRE STAȚIILE CF BUCUREȘTI NORD - JILAVA - GIURGIU NORD - GIURGIU NORD FRONTIERĂ
MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BUCHAREST NORTH - JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER

	NUME/NAME	SEMNATURA/ SIGNATURE
PROIECTANT/ DESIGNER	ing. Mariana POPESCU	
EXPERT CHEIE/ KEY EXPERT	dr.ing. Laurentiu MARCULESCU	
MP/PM	ing. Marin BAICU	

SPECIALITATE/ SPECIALITY: INFRASTRUCTURA SI SUPRASTRUCTURA CF / INFRASTRUCTURE AND SUPRASTRUCTURE RAILWAY

DENUMIRE PLAN/ DRAWING TITLE:
PROFIL LONGITUDINAL - km 35+700 - 37+600
LONGITUDINAL PROFILE - km 35+700 - 37+600
Scenariul 1a / Scenario 1a
Linia 103 / Line 103

DATA/DATE:	SCARA/SCALE:	EXEMPLAR NR./ EXEMPLARY NO.	COD PLAN/ CODIFICATION SYSTEM:
06.2023	1:2000/1:200	1	SF 207 002 15 Ts02 21 04