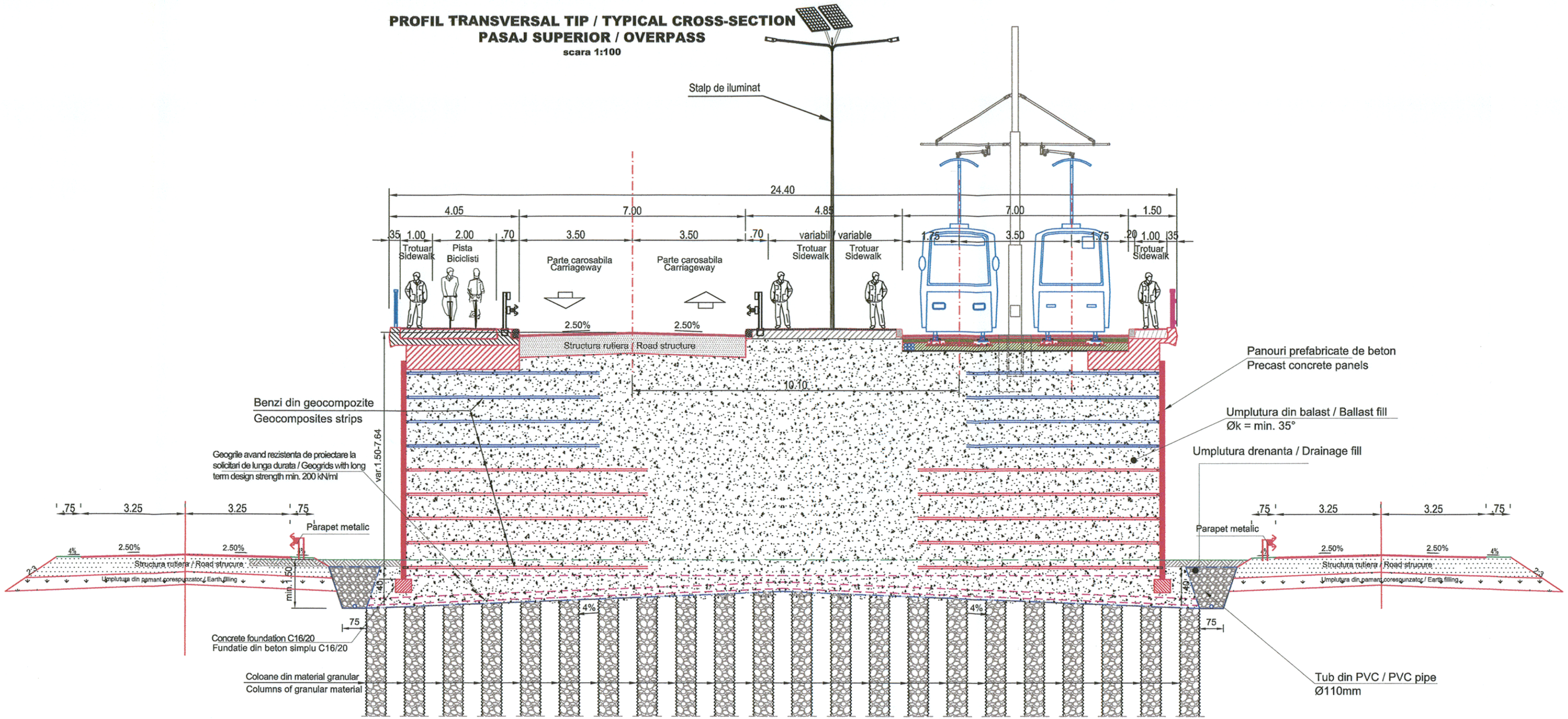
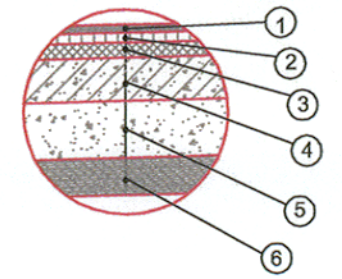
PROFIL TRANSVERSAL TIP / TYPICAL CROSS-SECTION
PASAJ SUPERIOR / OVERPASS
scara 1:100

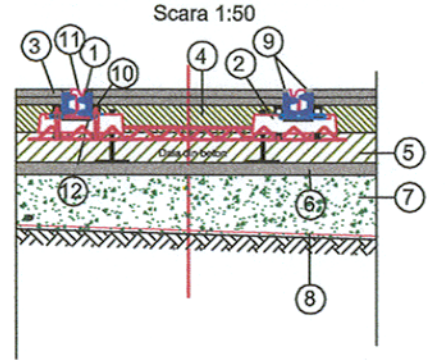


STRUCTURA RUTIERA / ROAD STRUCTURE
SCARA / SCALE 1:50



1. 4 cm beton asfaltic de uzura MAS 16
   4 cm wearing course of stone mastic asphalt MAS 16
2. 5 cm binder de criblura BAD 20
   5 cm asphalt binder course BAD 20
3. 8 cm mixtura bituminoasa AB 31.5
   8 cm bituminuous mixture AB 31.5
4. 23 cm agregate naturale stabilizate cu lianti hidraulici rutieri
   23 cm natural aggregates stabilized with hydraulic road binders
5. 30 cm balast
   30 cm ballast
6. 20 cm strat de forma
   20 cm subgrade

DETALIU STRUCTURA TRAMVAI
Scara 1:50



STRUCTURA TRAMVAI / TRAM STRUCTURE

1. elemente laterale sinei(cauciuc) / side rail elements (rubber)
2. traversa tip sleeper
3. asfalt turnat / cast asphalt (8 cm)
4. beton de monolitizare, clasa C30/37 / cast in place concrete, class C30/37 (18 cm)
5. dala din beton, clasa C25/30 / concrete slab, class C25/30 (18 cm)
6. binder de criblura BAD20 / asphalt binder course BAD 20 (5 cm)
7. strat de balast / ballast (20cm)
8. geotextil / geotextile
9. material pentru etansarea rosturilor / sealing joints material
10. cutie de protectie a prinderilor / fasteners protective box
11. sina / rail
12. placuta elastica de sub sina / elastic plate under rail

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

Indice / Index	Data / Date	Modificarea / Modification	Proiectat / Designed	Verificat / Verified	Șef Proiect / Project Manager
C					
B					
A	06/17	Solicitari Avizator			

DENUMIREA LUCRĂRII / PROJECT TITLE
STUDIU DE FEZABILITATE PENTRU MODERNIZAREA LINIEI FEROVIARE CARANSEBEȘ - TIMIȘOARA - ARAD
FEASIBILITY STUDY FOR MODERNIZATION OF THE RAILWAY LINE CARANSEBES - TIMISOARA - ARAD

PROIECTANT GENERAL / GENERAL DESIGNER
CONSIS PROIECT
R.C.:J40/3940/1995

	Numele / Name	Semnătura / Signature
Proiectat / Designed	Ing. Adrian LASLO	
Verificat / Verified	Ing. Petru MARCU	
Șef Proiect / Project Manager	Ing. Catalin SERBAN	

PROIECTANT DE SPECIALITATE / SPECIALIZED DESIGNER

	Numele / Name	Semnătura / Signature
Proiectat/Designed		
Verificat/Verified		
Responsabil Proiect / Project Responsible		

DENUMIREA DESENULUI / DRAWING TITLE
PROFIL TRANSVERSALE TIP RAMPA PASAJ SUPERIOR PE DRUM NATIONAL DN 7 / TRAMVAI LA km CF PR. 5+530 - km DN 538+590
CROSS-SECTION TYPE OVERPASS ON NATIONAL ROAD DN 7 / TRAM AT km CF PR. 5+530 - km DN 538+590

Project Nr./ Project No	Faza / Phase	Scara/Scale	Data / Date	Codificare Planșă/Drawing Codification
1562/2015	SF / FS	1:100/1:50	4/19	SFF 4 15 DR 1 4 035 1