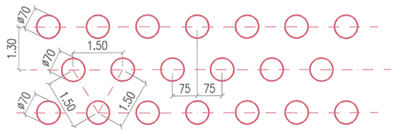
PROFIL TRANSVERSAL TIP
TYPICAL CROSS SECTION

CONSOLIDAREA BAZEI RAMBLEULUI CU COLOANE DE MATERIAL GRANULAR
EMBANKMENT BASE CONSOLIDATION WITH GRANULAR MATERIAL COLUMNS

Pentru rambleuri cu inaltimea de 8m sau mai mare, pe traseul existent.
For embankments of 8m height or more, on the existing track.



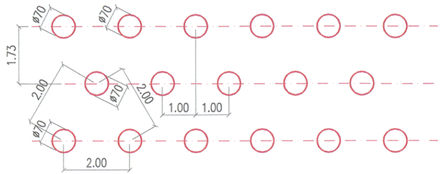
Se aplica pe zonele:
Applied on the areas:

km. 16+375.00 – 16+825.00 L=450.00m (stanga+dreapta/LHS+RHS)
km. 22+035.00 – 22+325.00 L=290.00m (stanga+dreapta/LHS+RHS)
km. 22+325.00 – 22+365.00 L=40.00m (dreapta/RHS)
km. 25+675.00 – 25+725.00 L=50.00m (dreapta/RHS)
km. 25+725.00 – 25+875.00 L=150.00m (stanga+dreapta/LHS+RHS)
km. 30+625.00 – 31+060.00 L=435.00m (stanga+dreapta/LHS+RHS)
km. 43+325.00 – 43+675.00 L=350.00m (stanga/LHS)
km. 43+950.00 – 44+140.00 L=190.00m (stanga/LHS)

L_total=1955.00m

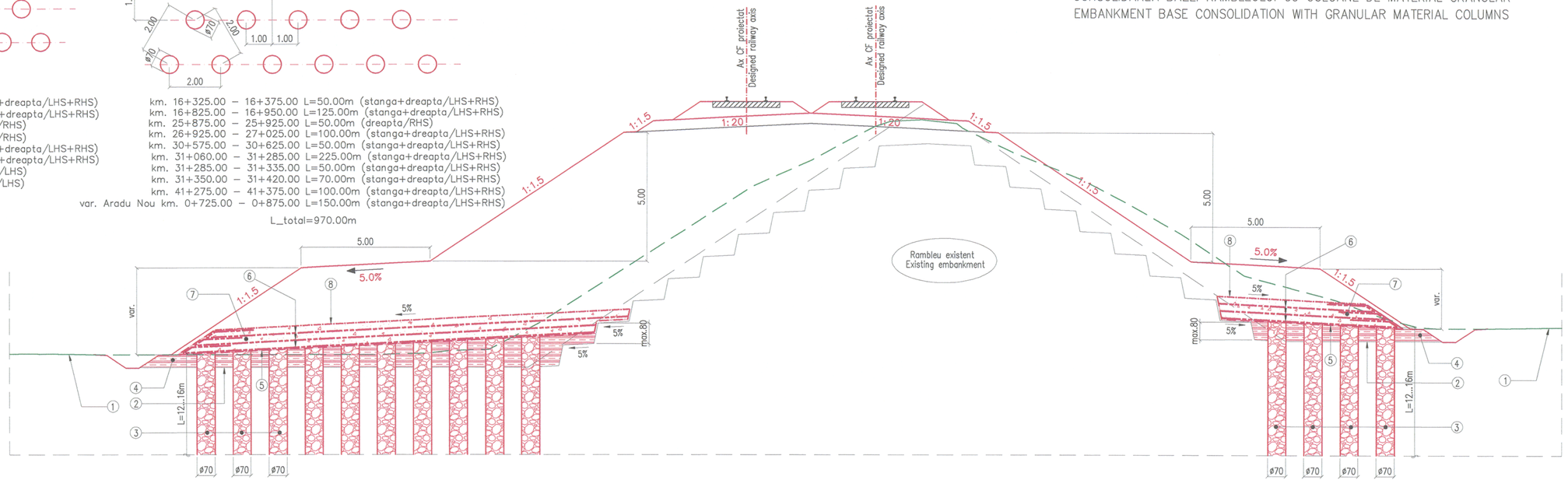
LHS = Left Hand Side
RHS = Right Hand Side

Pentru rambleuri cu inaltimea mai mica de 8m, pe traseul existent.
For embankments less than 8m height, on the existing track.



km. 16+325.00 – 16+375.00 L=50.00m (stanga+dreapta/LHS+RHS)
km. 16+825.00 – 16+950.00 L=125.00m (stanga+dreapta/LHS+RHS)
km. 25+875.00 – 25+925.00 L=50.00m (dreapta/RHS)
km. 26+925.00 – 27+025.00 L=100.00m (stanga+dreapta/LHS+RHS)
km. 30+575.00 – 30+625.00 L=50.00m (stanga+dreapta/LHS+RHS)
km. 31+060.00 – 31+285.00 L=225.00m (stanga+dreapta/LHS+RHS)
km. 31+285.00 – 31+335.00 L=50.00m (stanga+dreapta/LHS+RHS)
km. 31+350.00 – 31+420.00 L=70.00m (stanga+dreapta/LHS+RHS)
km. 41+275.00 – 41+375.00 L=100.00m (stanga+dreapta/LHS+RHS)
var. Aradu Nou km. 0+725.00 – 0+875.00 L=150.00m (stanga+dreapta/LHS+RHS)

L_total=970.00m



LEGENDA / LEGEND

1. Linie teren natural / Natural ground level
2. Linie decapare sol vegetal / Top soil excavation line
3. Coloane din material granular executate prin vibroinfigere ø70cm, L=12...16m / Granular material columns made by deep vibro techniques ø70cm, L=12...16m
4. Platforma de lucru din material coeziv / Working platform made of cohesive material
5. Geotextil cu rol anticontaminant / Geotextyle
6. Geogrila cu rezistenta de calcul la solicitari de lunga durata min. 60 kN/m / Geogrid with long term design strength min. 60 kN/m
7. Strat de repartitie din balast 0–63mm, min. 90cm grosime / Ballast (0–63mm grading) distribution layer, min. 90cm thickness
8. Geocompozit bentonitic / Geoclayliner

NOTA: Definirea solutiilor tehnice pentru lucrarile de infrastructura si suprastructura CF sunt prezentate la specialitatea "Terasamente".

NOTE: The definition of technical solutions for infrastructure and superstructure works of the railways are presented in the "Embankments" speciality.

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

Indice / Index	Data / Date	Modificarea / Modification	Proiectat / Designed	Verificat / Verified	Sef Proiect/ Project Manager
C					
B					
A					

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

PROIECTANT DE SPECIALITATE/ SPECIALIZED DESIGNER

	Numele / Name	Semnatura /signature		Numele / Name	Semnatura /signature
Proiectat / Designed	Alexandru UNGUREANU		Proiectat/Designed		
Verificat / Verified	Bogdan SANDU		Verificat/Verified		
Sef Proiect / Project Manager	Catalin SERBAN		Responsabil Proiect Project Responsible		

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

DENUMIREA DESENULUI / DRAWING TITLE
PROFIL TRANSVERSAL TIP - CONSOLIDAREA BAZEI RAMBLEULUI CU COLOANE DE MATERIAL GRANULAR
TYPICAL CROSS SECTION - EMBANKMENT BASE CONSOLIDATION WITH GRANULAR MATERIAL COLUMNS

Project Nr / Project No	Faza / Phase	Scara/Scale	Data / Date	Codificare Plansa / Drawing Codification
1562/2015	SF / FS	1:100	08/17	SFF 400CN 14901 1