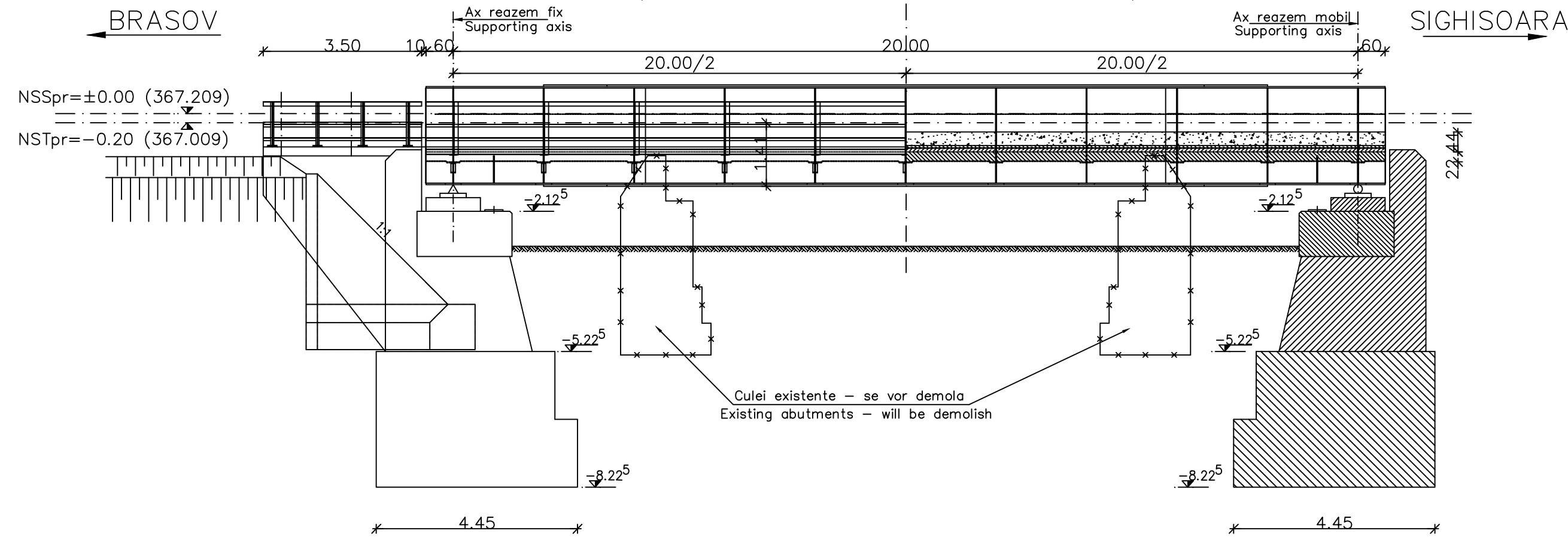
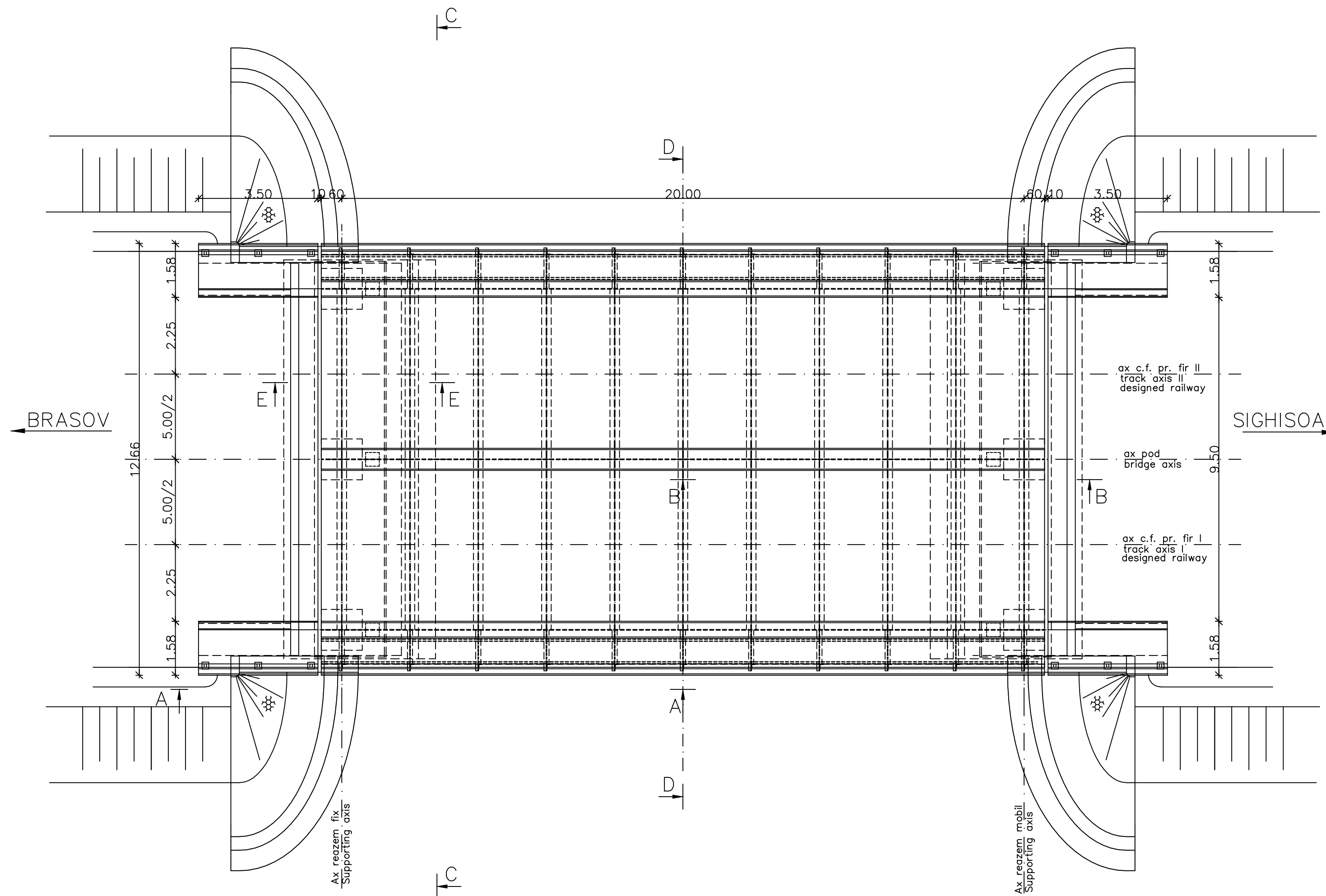


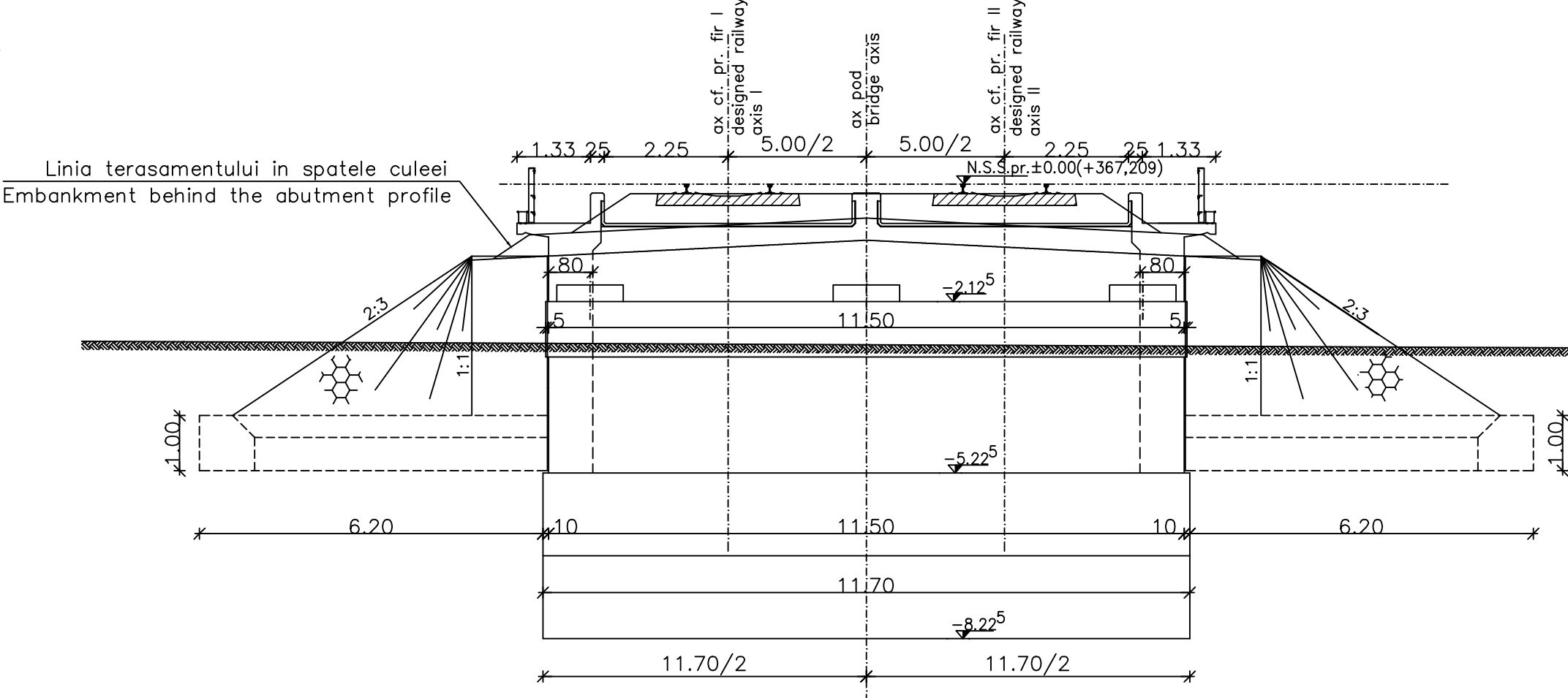
ELEVATIE A-A/ELEVATION A-A | SECTIUNE B-B/ SECTION B-B



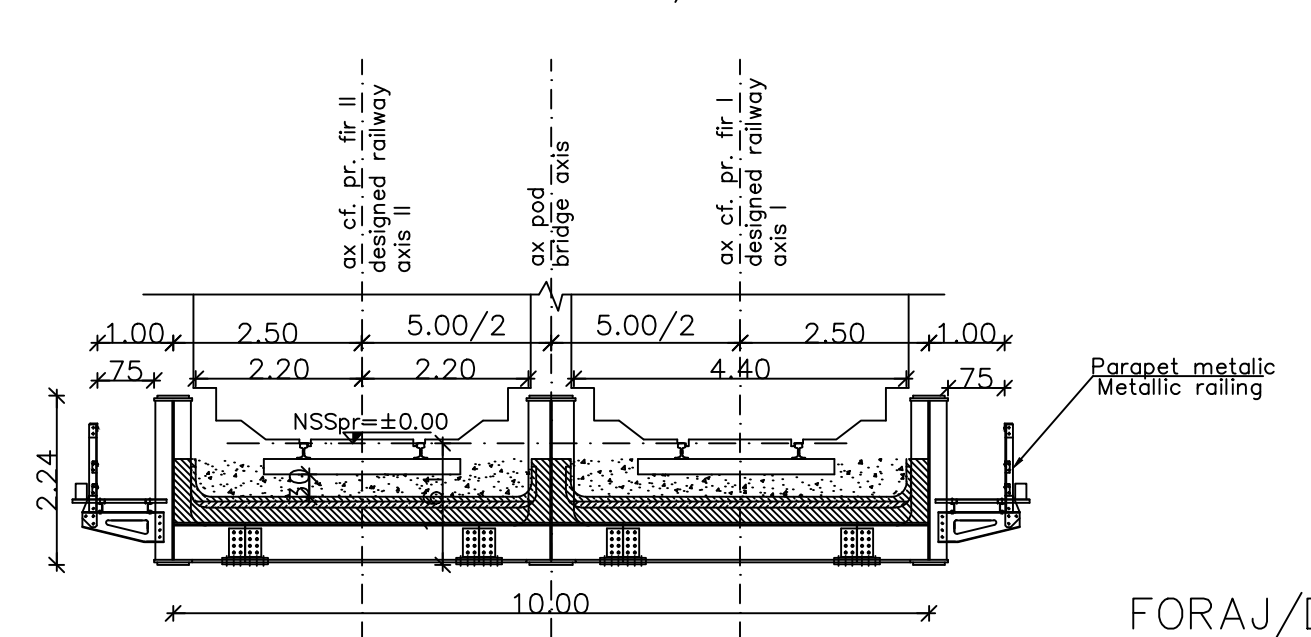
VEDERE IN PLAN / PLAN VIEW



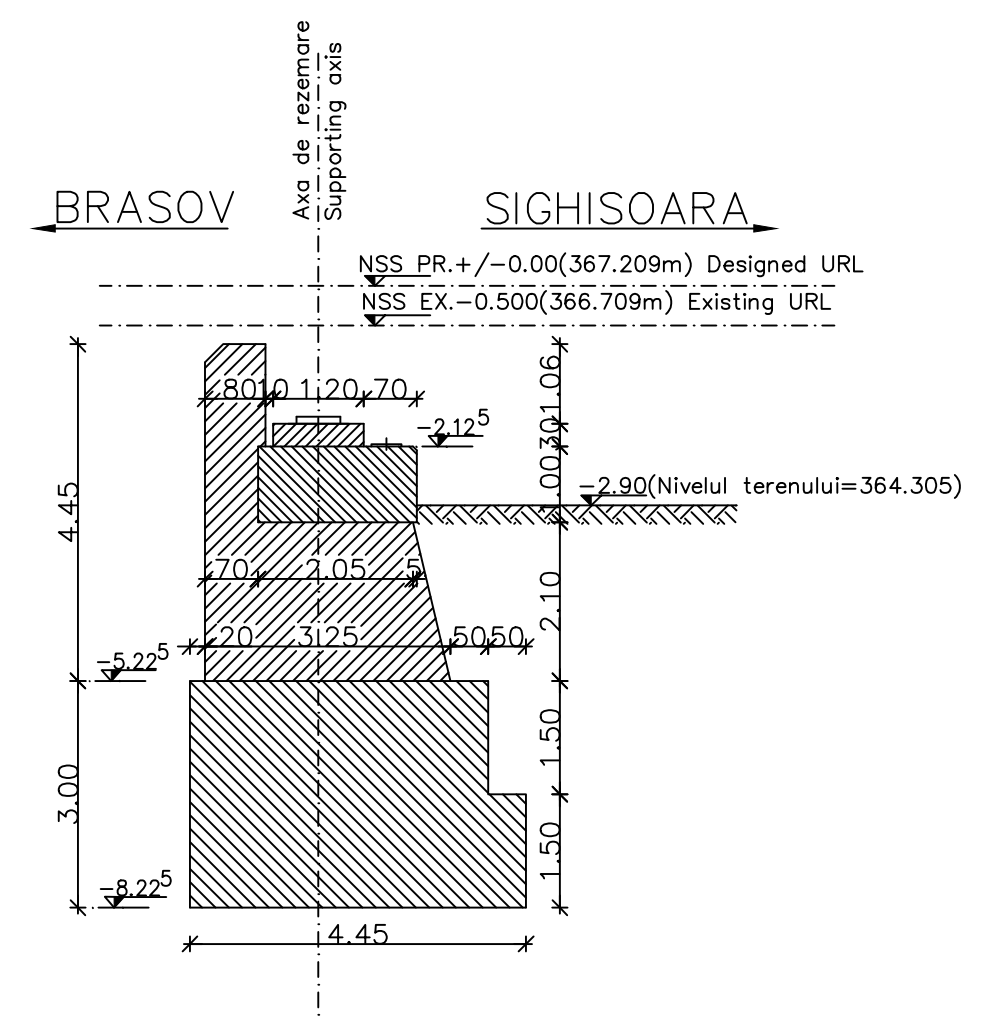
SECTIUNE TRANSVERSALA C-C / C-C CROSS SECTION



SECTIUNE TRANSVERSALA D-D / D-D CROSS SECTION



SECTIUNE TRANSVERSALA E-E / E-E CROSS SECTION



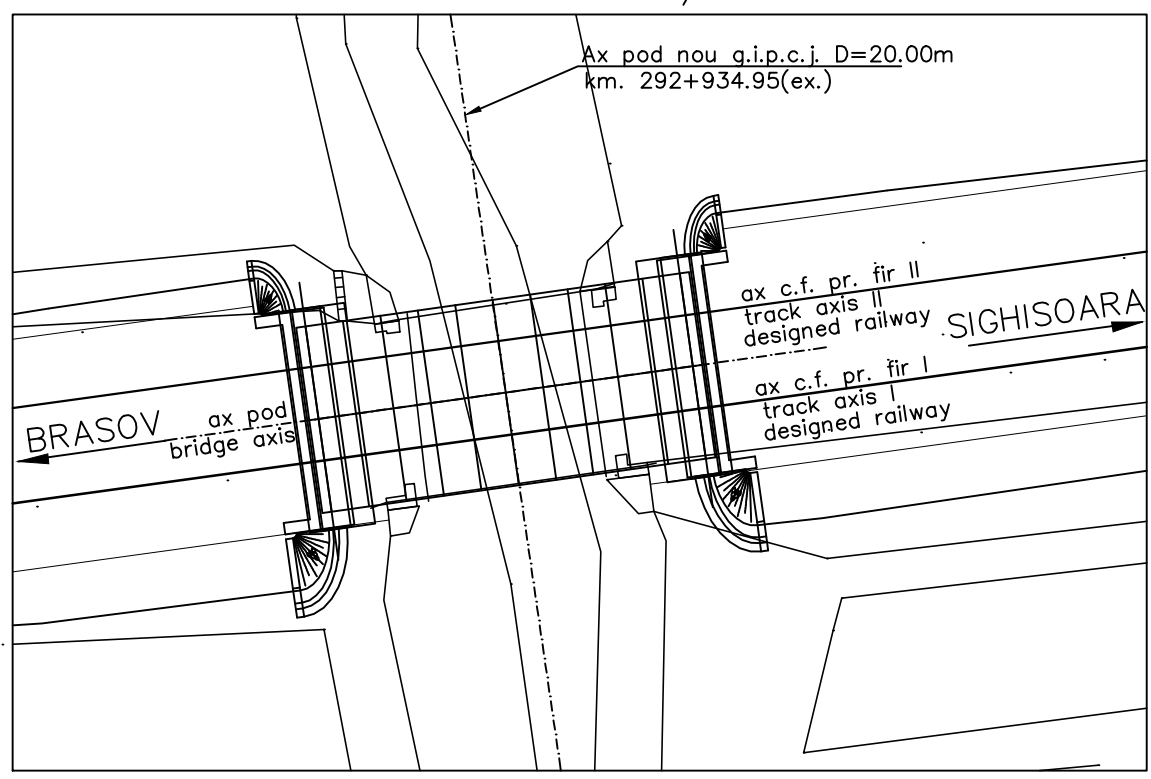
DATE HIDRAULICE	HIDRAULIC DATA
Inaltimea de apa	h=0.99m
Perimetrul udut	P=11.82m
Aria udata	A=9.94mp
Vapa de curgere a apei	5.0m/s
Hidraulic height	h=0.99m
Perimeter	P=11.82m
Surface	A=9.94sqm
Water flow speed	s=5.0m/s

- NOTA**
- Prezentul plan s-a intocmit pe baza urmatoarelor date:
 - plan de situatie;
 - profil in lung;
 - profil transversal;
 - fisa podului;
 - calculul hidraulic;
 - date culese pe teren.
 - Podul corespunde la convoaiele de calcul UIC (LM71 si SW/2).
 - Noul pod are urmatoarea alcatură:
 - suprastructura: tablier cale dubla alcatuit din g.i.p.c.i, cu calea pe balast, L=20,00m
 - infrastructura: culei din beton armat, fundate direct.
 - La executie se vor respecta cu strictete prevederile din "Normativ pentru producerea betonului", indicativ CP 012/1-2007 si "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 2: Executarea lucrarilor din beton", indicativ NE 012/2-2010, iar verificarea calitatii lucrarilor si receptionarea lor se va face conform normativului C56-1985.
 - La proiect sunt atasate instructiunile pentru urmarirea curenta a comportarii in timp si Programul privind controlul calitatii lucrarilor.
 - Daca la executie se vor constata neconcordanțe intre situatia existenta pe teren si cea din proiect se va anunta proiectantul.
 - Construcția se încadrează în categoria B de importanță. Construcții de importanță deosebită, modelul 1 de asigurare a calitatii conform HG 766/97.
 - Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2

NOTE

- This plan has been drawn up based on the following data:
 - Layout Plan;
 - Longitudinal Profile;
 - Cross-section Profile;
 - Bridge's file;
 - Hydraulic determination;
 - Field Data.
- Bridge conveys calculation corresponds to UIC (LM71 and SW/2).
- The new bridge has the following structure:
 - Superstructure: deck for double track, plain deck beams, bottom track, with track on ballast, L=20,00m;
 - Infrastructure: abutments and reinforced concrete, with direct foundation.
- The execution will strictly comply with the provisions of "Practice code for concrete production CP 012/1-2007 and "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete -Part 2: The execution of concrete works."NE 012/2-2010, and the quality and the reception of the works shall be made accordingly to Norm C 56-1985.
- In case during the execution there will be found out any discrepancies between the existing situation on site and in project, the designer will be announced.
- The construction is classified in the B category of importance. Special importance constructions, model 1 for quality ensuring according to HG 766/97.
- The project will be checked to comply with the requirements A4.2; B2.2; D2.2.

PLAN AMPLASAMENT / SITE PLAN



FORAJ/DRILL nr.2F07"
Km.Ex. 292+936
Sc 1:100
NSS_{PR}+/-0.00(367.209m)
NSS_{EX}-0.500(366.709m) Existing URL

- 3.02 Umplutura din pietris cu nisip prafos, cafeniu, umed, indosat, cu rari bolovani
Gravel with dusty sand filling, brown,wet, stocky, with few boulders
- 5.22 Argila ,cafeniu-negricioasa,plastic vartoasga-tare ~de la 3.80m cafeniu-galbuie,cu concretuni calcaroase
Brown-blackish clay,plastic strongly-hard ~from 3.80m brown-yellow,with chalk concretions
- 11.22 Nisip mare,cu pietris mic ,cafeniu ,saturat ,indosat
Big sand with small gravel ,brown,saturated,stocky
- 12.02 Pietris neuniform ,cu nisip prafos ,cafeniu ,saturat ,indosat
Irregular gravel with dusty sand ,brown ,saturated ,stocky
- 14.72

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Index	Date	Modificari / Revision	Proiectant / Designer	Aprobat / Approved	Consultant / Approved Consultant	Aprobat CFR / Approved CFR
A	12.2012	Revizia 1	Andrei Costan			

GUVERNUL ROMANIEI ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT

CFR C.N.C.F. "C.F.R." - S.A.

CLIENT / CLIENT

ITALFER GRUPPO FERROVIE DELLO STATO Joint Venture leader

Scott Wilson

OBERMEYER PLANEN + BERATEN GmbH

TECNIC Consulting Engineers

CONSULTANT / CONSULTANT		Data	Semn lur / Signature
Aprobat / Approved	ef proiect / Project manager		R. Liuzza
Aprobat / Approved	Coordonator Sec iune 1 / Section 1 Coordinator		C. Gambelli
Verificat / Checked	Expert Cheie / Checking Expert		V.Kallidromitis

SUBCONTRACTANT / SUBCONTRACTOR		Data	Semn lur / Signature
Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible		A. Dinulescu Stanciu
Elaborat / Elaborated	Proiectant / Designer		Andrei Costan

Reabilitarea liniei de cale ferata de la Brasov la Sighisoara cu un coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxim de 160 km/h, Tronsoanel: Brasov - Sighisoara
Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Brasov - Sighisoara

Proiect/Project 2004/RO/16/PA/003
Faza / Phase: P.Th. / T.D.

Denumire desen / Drawing Title :
Pod Km 276+375.754 D=20.00m - DISPOZITIE GENERALA
Bridge Km 276+375.754- D=20,00m - GENERAL DISPOSITION

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No
E A 5 1 0 1 C 1 9 P A P V 0 4 3 0 0 0 2 1	1:100		01 / 01