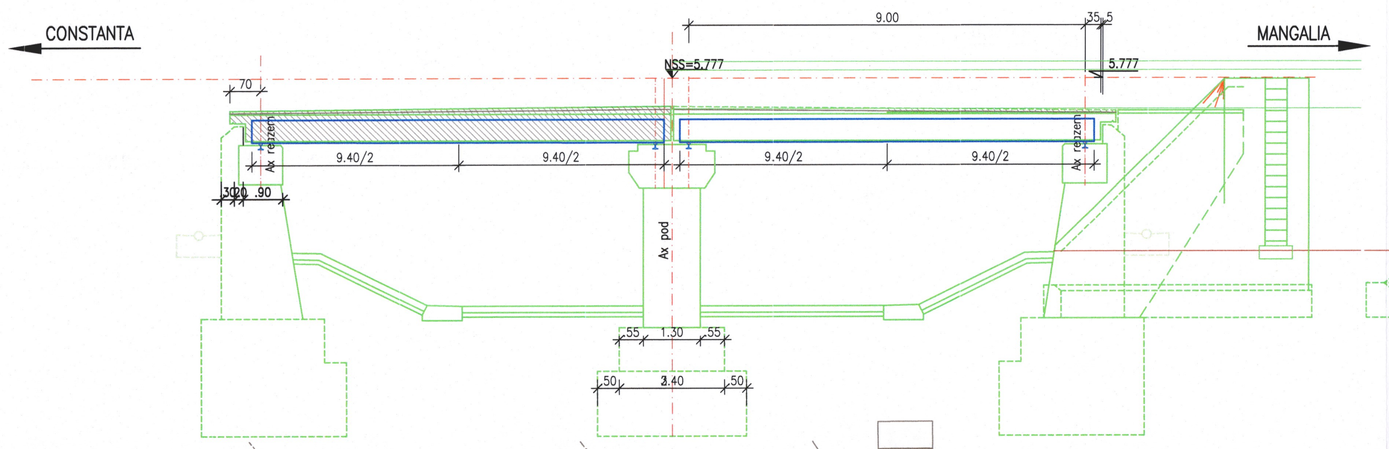
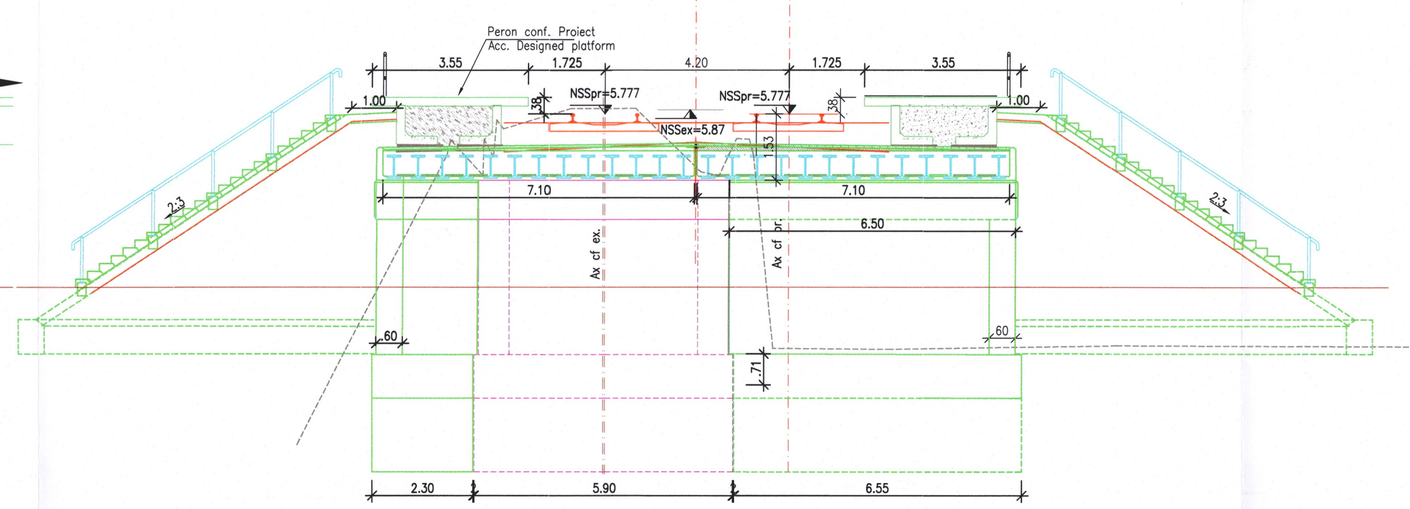
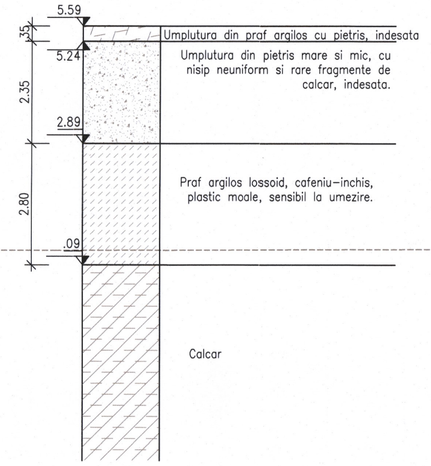
ELEVATIE A–A / A–A ELEVATION
Sc. 1:100
SECTIUNE LONGITUDINALA
Sc. 1:100



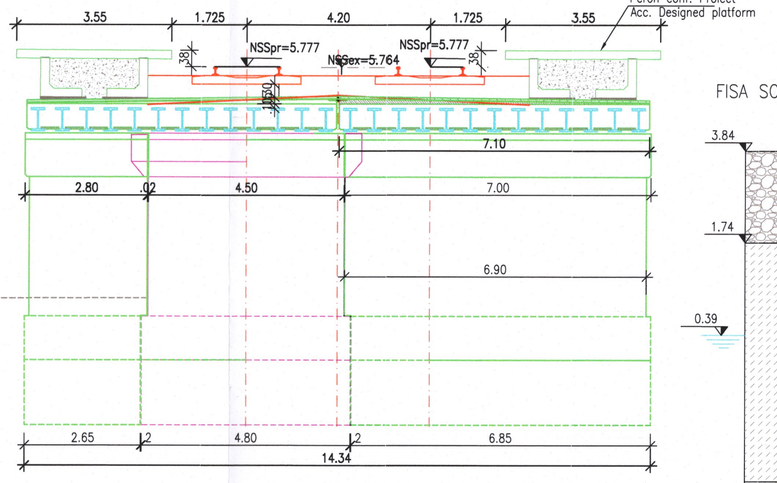
SECTIUNE B–B / B–B SECTION
Sc. 1:100



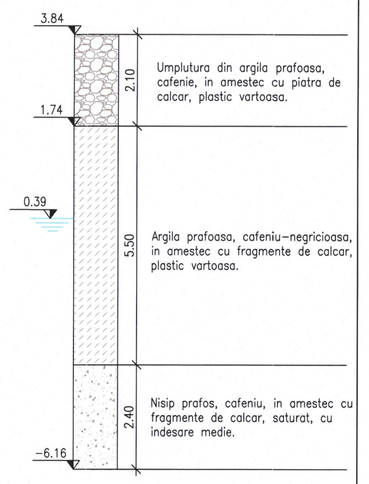
FORAJ IN AMPLASAMENT
(conf. proiect din 2009)

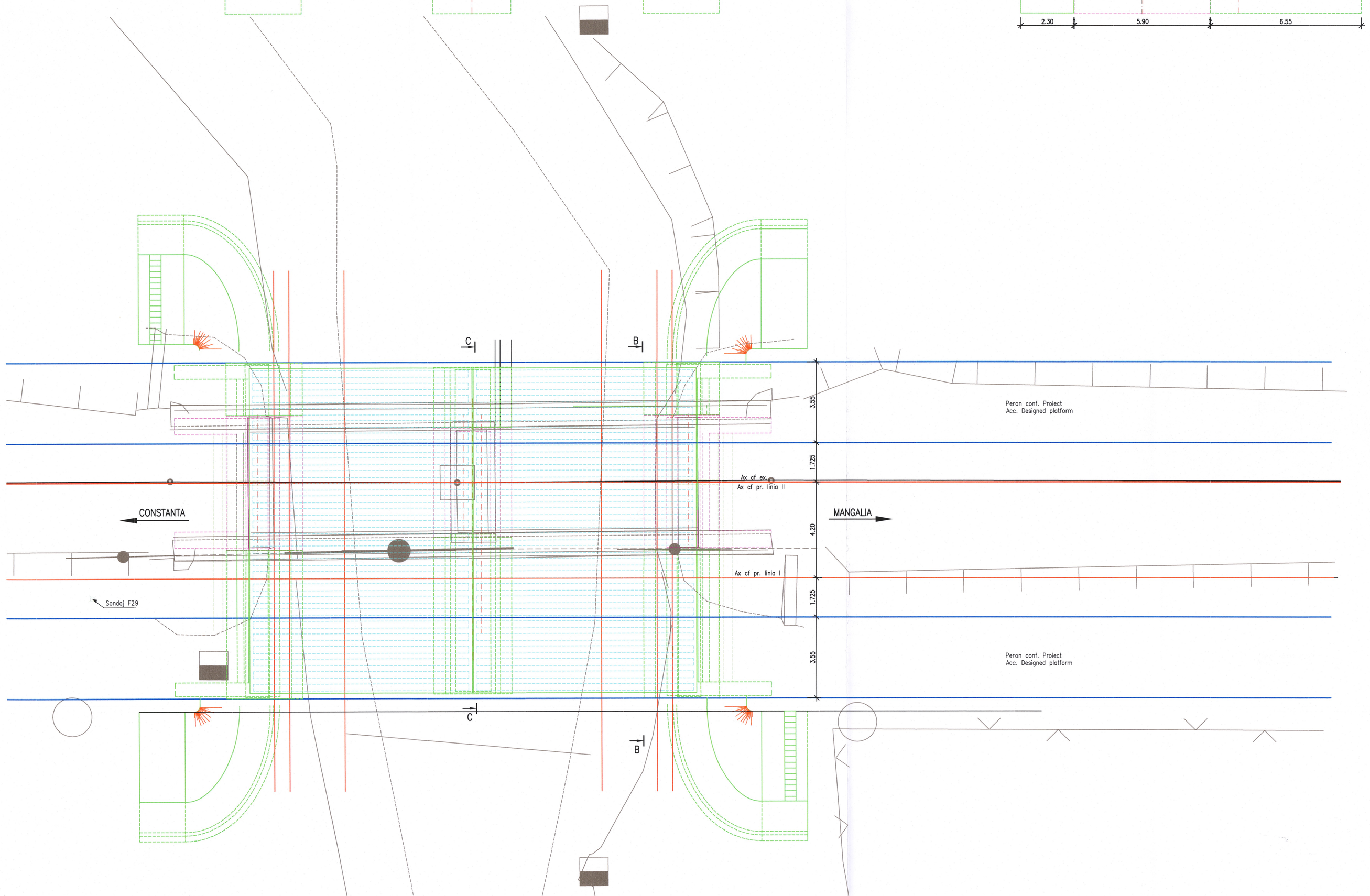


SECTIUNE C–C / C–C SECTION
Sc. 1:100



FISA SONDAJ F29





NOTA:
1. Prezentul plan s–a intocmit in baza urmatoarelor date:
   - Studiu topografic;
   - Studiu geotehnic;
   - Expertiza tehnica;
   - Fisa podului;
   - Date culese pe teren;
2. Lucrarile la aceasta pozitie kilometrica constau in:
   - demolarea suprastructurii podului existent;
   - realizarea infrastructurii (doua culee si o pila) de o parte si de alta a liniei existente (pentru dublarea liniei si pentru sustinerea viitoarelor peroane);
   - realizarea unei suprastructuri noi cu calea pe balast, de tip dala din grinzi metalice inglobate in beton, care sa sustina ambele linii c.f. proiectate;
   - realizarea acoperirii de rost intre cele doua dale de tip GMIB;
   - refacerea si realizarea sistemului de drenare;
   - impermeabilizarea suprafetele de beton vizibile, ale suprastructurii si infrastructurii;
   - refacerea canalului existent pe zona lucrarilor noi si curatarea acestuia;

NOTE:
1. This plan has been drawn up based on the following data:
   - Land survey;
   - Geotechnical study;
   - Technical expert report;
   - Field data.
2. For the construction of the bridge, the following works will be executed:
   - demolition of the existing bridge superstructure;
   - construction of the infrastructure (two piles and a pile) on one side and on the other of the existing line (for the doubling of the line and for the support of the future platforms);
   - the construction of a new superstructure with a track on ballast, of the slab type made of metal beams embedded in concrete, which will support both lines c.f. designed;
   - making the joint coverage between the two GMIB decks;
   - restoring and building the drainage system;
   - waterproofing the visible concrete surfaces of the superstructure and infrastructure;
   - restoration of the existing canal in the area of the new works and its cleaning.

LEGENDA BETOANELOR/CONCRETE LEGEND
conform NE 012–1:2007 si SR EN 206: 2018

- BETON C30/37 – Clasa de expunere XC3+XS1+XF1, agregate D_{max} 22. DALA DE BETON / CONCRETE SLAB
- BETON C30/37 – Clasa de expunere XC2+XS1+XF3+XA1, agregate D_{max} 22. FUNDATEI SI RADIER/ FOUNDATIONS AND CAP PILES
- BETON C30/37 – Clasa de expunere XC3+XS1+XF3+XA1, agregate D_{max} 32. PILOTI FORATI/DRILL PILES
- BETON C30/37 – Clasa de expunere XC4+XS1+XF3, agregate D_{max} 22. ELEVATII / ELEVATIONS
- BETON C30/37 – Clasa de expunere XC4+XS1+XF1, agregate D_{max} 16. SAPA DE PROTECTIE A HIDROIZOLATIEI SI PREDALE / WATERPROOFING PROTECTION AND PRESLABS
- BETON C16/20 – Clasa de expunere X0, agregate D_{max} 16. BETON DE PANTA /SLOPE CONCRETE
- BETON C16/20 – Clasa de expunere X0, agregate D_{max} 22. DREN, BETON DE EGALIZARE, PEREU, FUNDATIA SFERTULUI DE CON SI SCARI DE ACCES / DRAINAGE, LEAN CONCRETE, PITCHING, QUARTER CONE FOUNDATION

ENTITATE CONTRACTANTA / BENEFICIARY			COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN NATIONAL RAILWAY COMPANY
CONTRACTANT/CONTRACTOR ASOCIEREA/JV	BAUDONE DIPEX S.R.L. / I.S.P.C.F. S.A.	DENUMIRE INVESTIȚIE/ INVESTMENT NAME	"Studiu de Fezabilitate pentru Electrificarea și Reabilitarea liniei de cale ferată Constanța - Mangalia" / "Feasibility Study for Electrification and Rehabilitation of the Constanta - Mangalia Railway Line"
		SECȚIUNE/ SECTION	INTERVAL/SECTION COSTINEȘTI-COSTINEȘTI TABĂRĂ
NUME/NAME	SEMNĂTURA/ SIGNATURE	SPECIALITATE/ SPECIALITY	PODURI/PODEȚE / BRIDGE/CULVERT
PROIECTAT/ DESIGNED: Ing. Marius HAZAPARU		OBIECT/ OBJECT	POD / BRIDGE km pr./dsg. 252+545 (km ex. 252+597)
VERIFICAT/ VERIFIED: dr. ing. Carmen BĂLAN		DENUMIRE PLAN/ NAME PLAN	DISPOZIȚIE GENERALĂ/ GENERAL LAYOUT
AVIZAT/ ADVISED: Ing. Marin BAICU		COD PLAN/ PLAN CODE:	SF 6 SF 14 P 01 02 R4
DATĂ/DATE: 09.2023	SCARĂ/SCALE: 1:100		