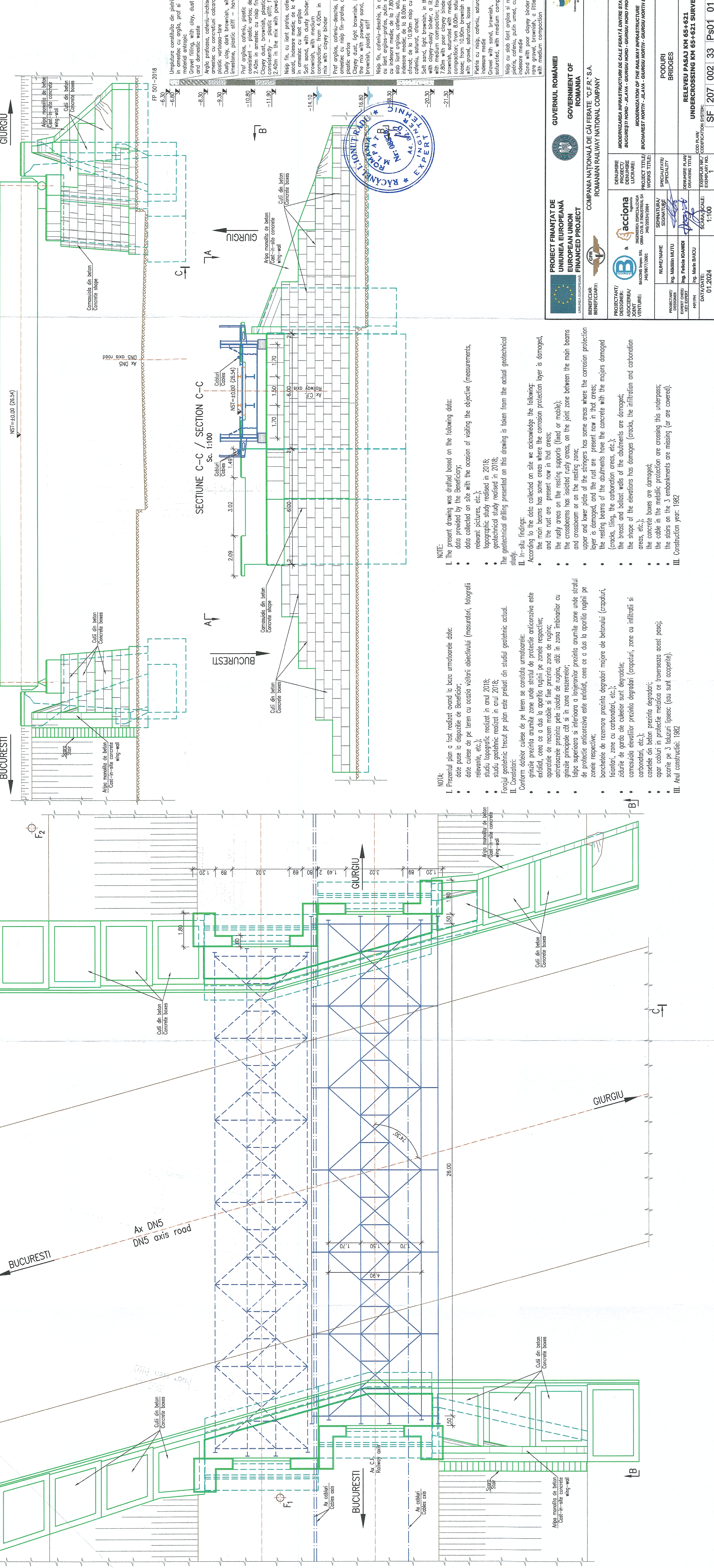
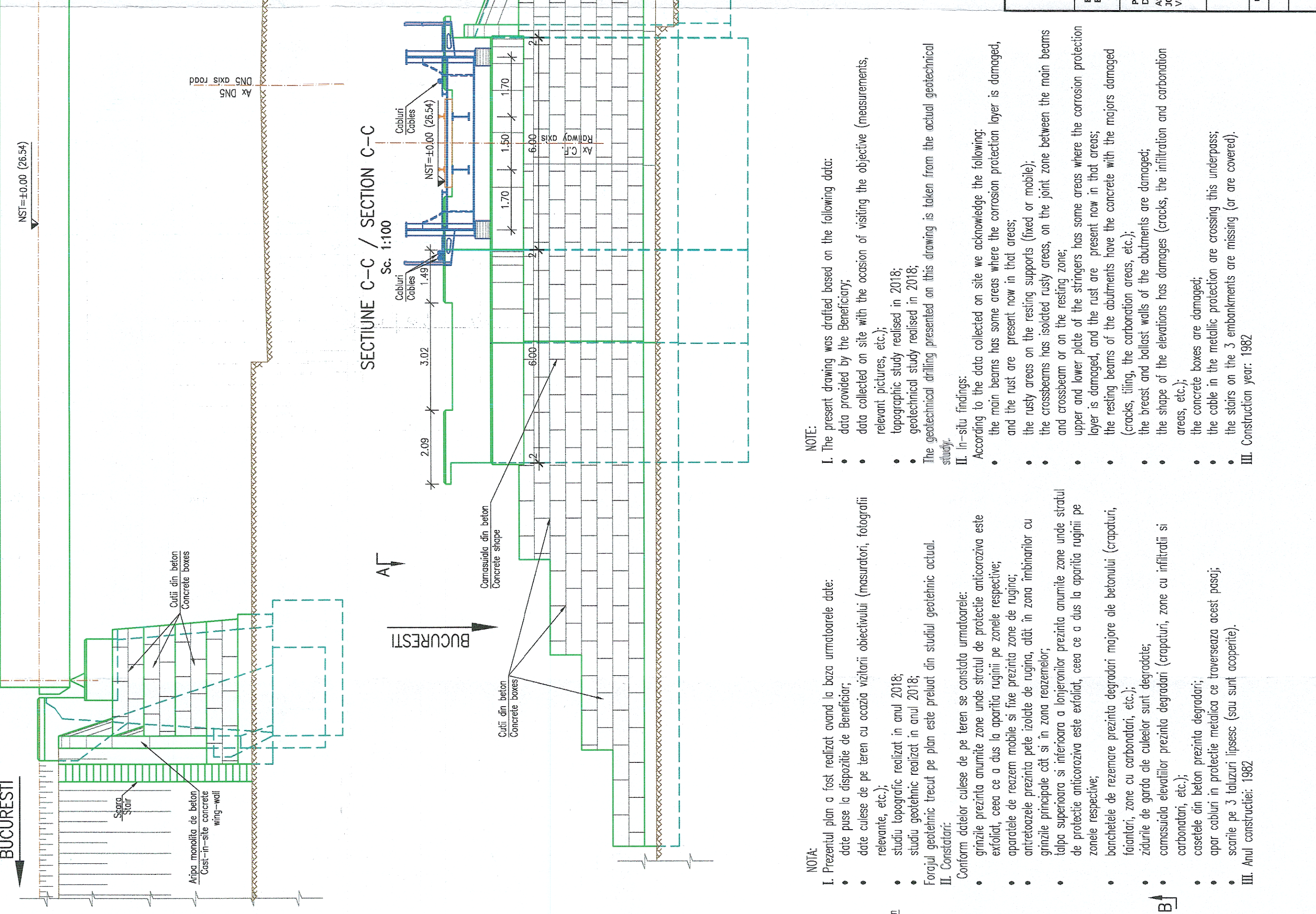


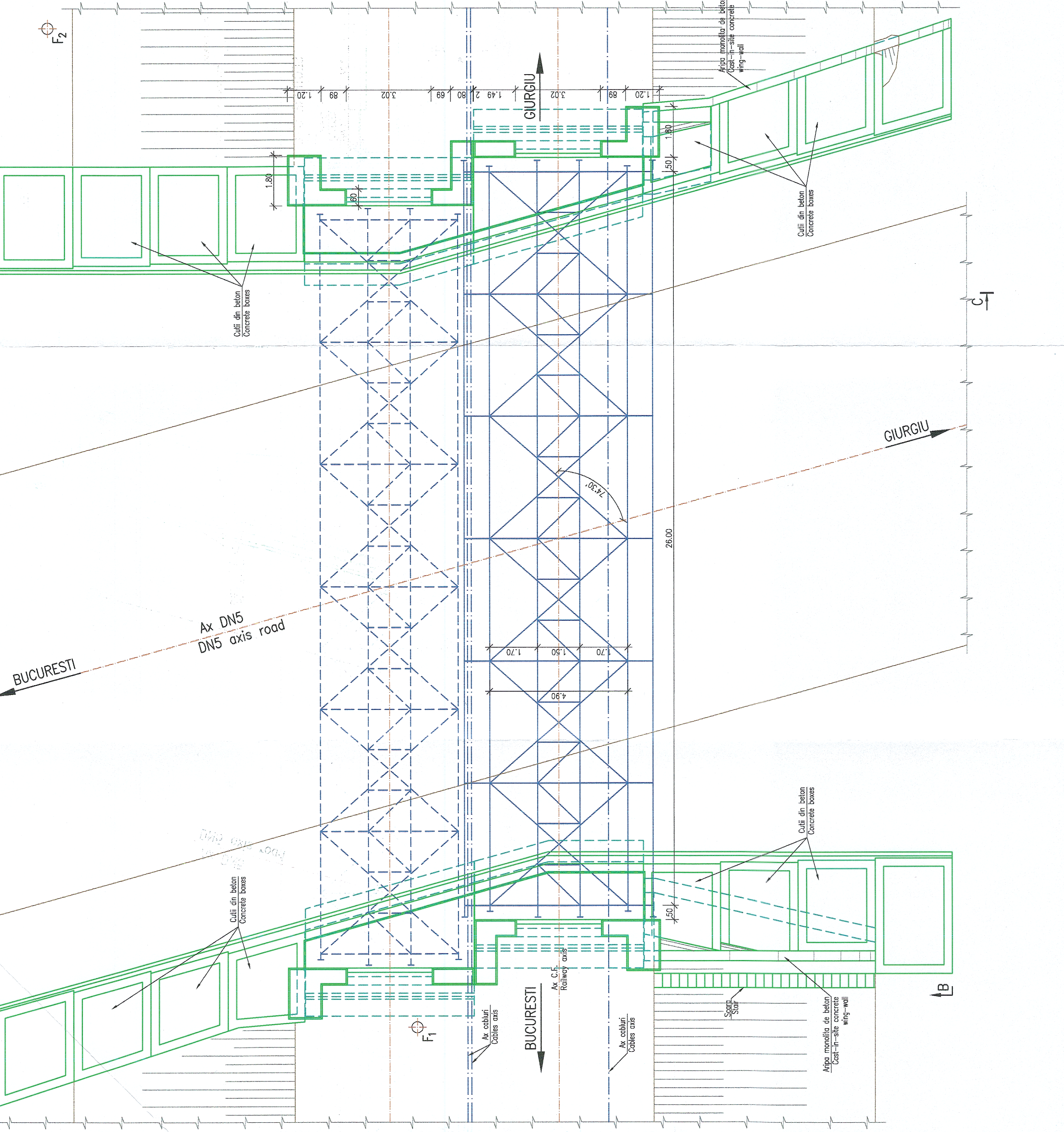
VEDERE PLANA A-A / PLAN VIEW A-A  
Sc. 1:100



VEDERE B-B / VIEW B-B  
Sc. 1:100



SECTIUNE C-C / SECTION C-C  
Sc. 1:100



**NOTE:**

I. The present drawing was drafted based on the following data:

- data provided by the Beneficiary;
- data collected on site with the occasion of visiting the objective (measurements, relevant pictures, etc.);
- topographic study realized in 2018;
- geotechnical study realized in 2018;
- The geotechnical drilling presented on this drawing is taken from the actual geotechnical study;

II. In-situ findings:

- According to the data collected on site we acknowledge the following:
  - the main beams has some areas where the corrosion protection layer is damaged, and the rust are present now in that areas;
  - the rusty areas on the resting supports (fixed or mobile);
  - the crossbeams has isolated rusty areas, on the joint zone between the main beams and crossbeam or on the resting zone;
  - upper and lower plate of the stringers has some areas where the corrosion protection layer is damaged, and the rust are present now in that areas;
  - the resting beams of the abutments have the concrete with the majors damaged (cracks, tilting, the carbonation areas, etc.);
  - the breast and ballast walls of the abutments are damaged;
  - the shape of the elevations has damages (cracks, the infiltration and carbonation areas, etc.);
  - the concrete boxes are damaged;
  - the cable in the metallic protection are crossing this underpass;
  - the stairs on the 3 embankments are missing (or are covered).

III. Construction year: 1982

Unplutura constituita din pietris, in amestec cu argila, praf si material antronic  
Gravel filling, with clay, dust and domestic waste

Argila prosoasa, cafeniu-închis, in amestec cu betonul calcaros, în amestec cu nisip  
Dusty clay, dark brownish, with limestone, plastic stiff - hard

Prof. argila, cafeniu, plastic în amestec cu nisip  
Clayey dust, brownish, plastic consistently - plastic stiff; from 2.40m in the mix with powdery sand

Nisip fin, cu liant prafos, cafeniu, în amestec cu liant argilos, de la 4.00m in amestec cu liant argilos  
Soft sand, with dusty binder, brownish, with medium compaction; from 4.00m in the mix with clayey binder

Prof. argila, cafeniu-deschis, in amestec cu nisip fin-prafos, cafeniu, plastic vartos  
Clayey dust, light brownish, in the mix with powdery sand, brownish, plastic stiff

Nisip fin, cafeniu-deschis, in amestec cu liant argilos-prafos, puțin umed cu indesele medie; de la 7.80m cu nisip mediu, în amestec cu liant argilos, saturat cu nisip mediu, de la 8.00m saturat, de la 10.80m nisip cu pietris cafeniu, saturat, etanșat  
Soft sand, light brownish, in the mix with clayey-dusty binder, a little wet with medium compaction; from 7.80m with poor clayey binder, brownish, saturated with medium compaction; from 8.00m saturated, from 10.80m medium sand with gravel, saturated, loose

Prafca, cu nisip, cafeniu, saturat, cu indesele medie  
Gravel with sand, brownish, saturated, with medium compaction

Nisip cu sub liant argilos si rar în amestec cu nisip mediu, cu nisip mediu, saturat, cu nisip mediu, saturat, cu nisip mediu, saturat  
Sand with poor clayey binder and rare gravel, brownish, a little wet, with medium compaction

**PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ**  
EUROPEAN UNION FINANCED PROJECT

**GUVERNUL ROMÂNIEI**  
GOVERNMENT OF ROMANIA

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

<b>PROIECTANT/DESIGNER/ASOCIEREA/JOINT VENTURE:</b>	<b>PROIECT/PROJECT/DENUMIRE/LUCRARE:</b>	<b>SEMNATURA/SIGNATURE:</b>	<b>PROIECTANT/DESIGNER/ASOCIEREA/JOINT VENTURE:</b>
ING. FELICIA IOANID ING. MARIA BAICU	MODERNIZAREA INFRASTRUCTURII DE CĂLE FERATE ÎN TREI STATII DE BUCUREȘTI NORD - JILAVA - GIURGIU NORD - GIURGIU NORD FRONTIERA MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BUCHAREST NORTH - JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER	ING. FELICIA IOANID ING. MARIA BAICU	ING. FELICIA IOANID ING. MARIA BAICU
DATA DATE: 01.2024	SCALA/SCALE: 1:100		

**PODURI BRIDGES**

**RELEVU PASAJ KM 65+621 UNDERCROSSING KM 65+621 SURVEY**

SF 207 002 33 PS01 01 00