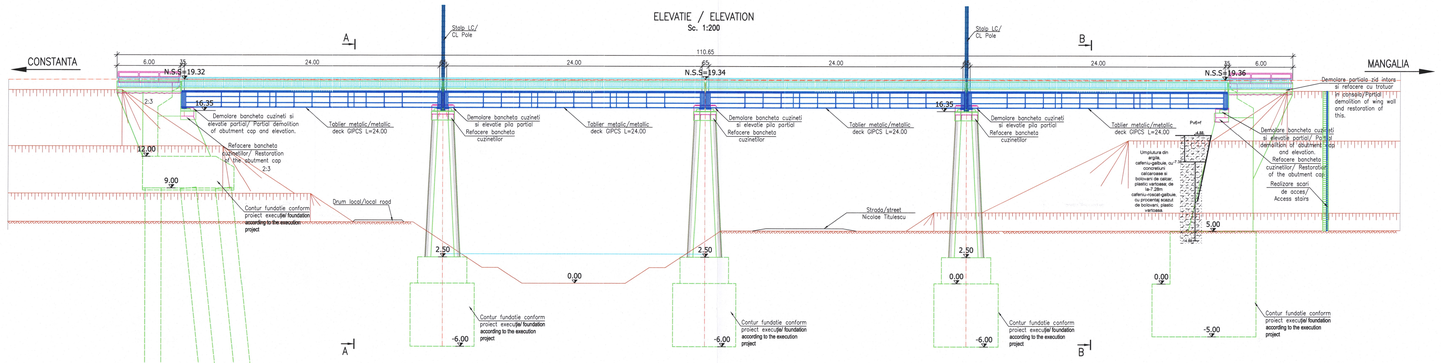


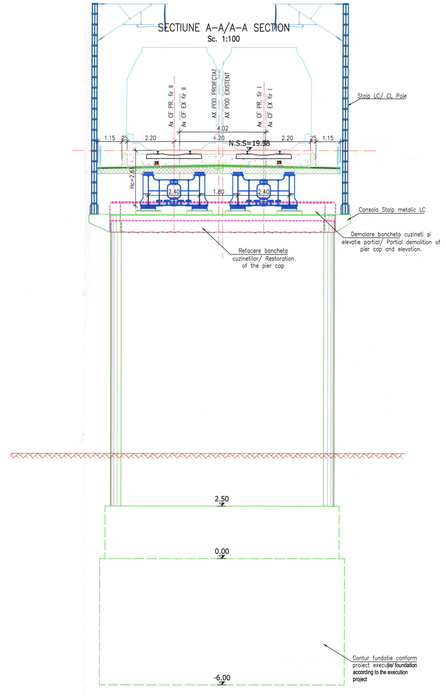


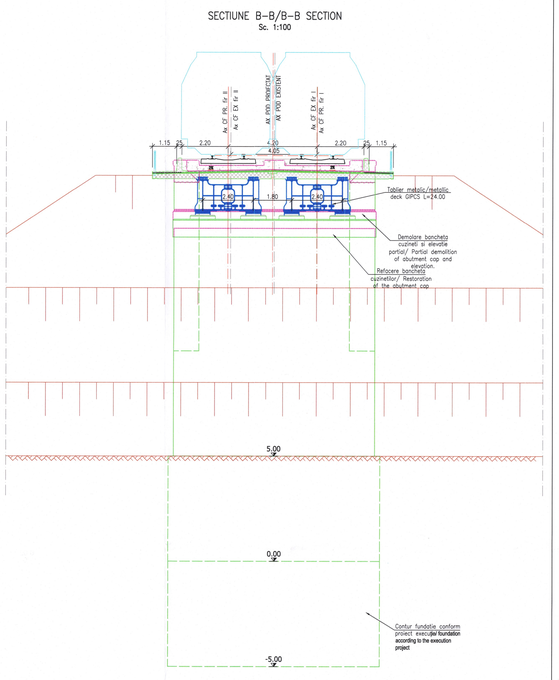


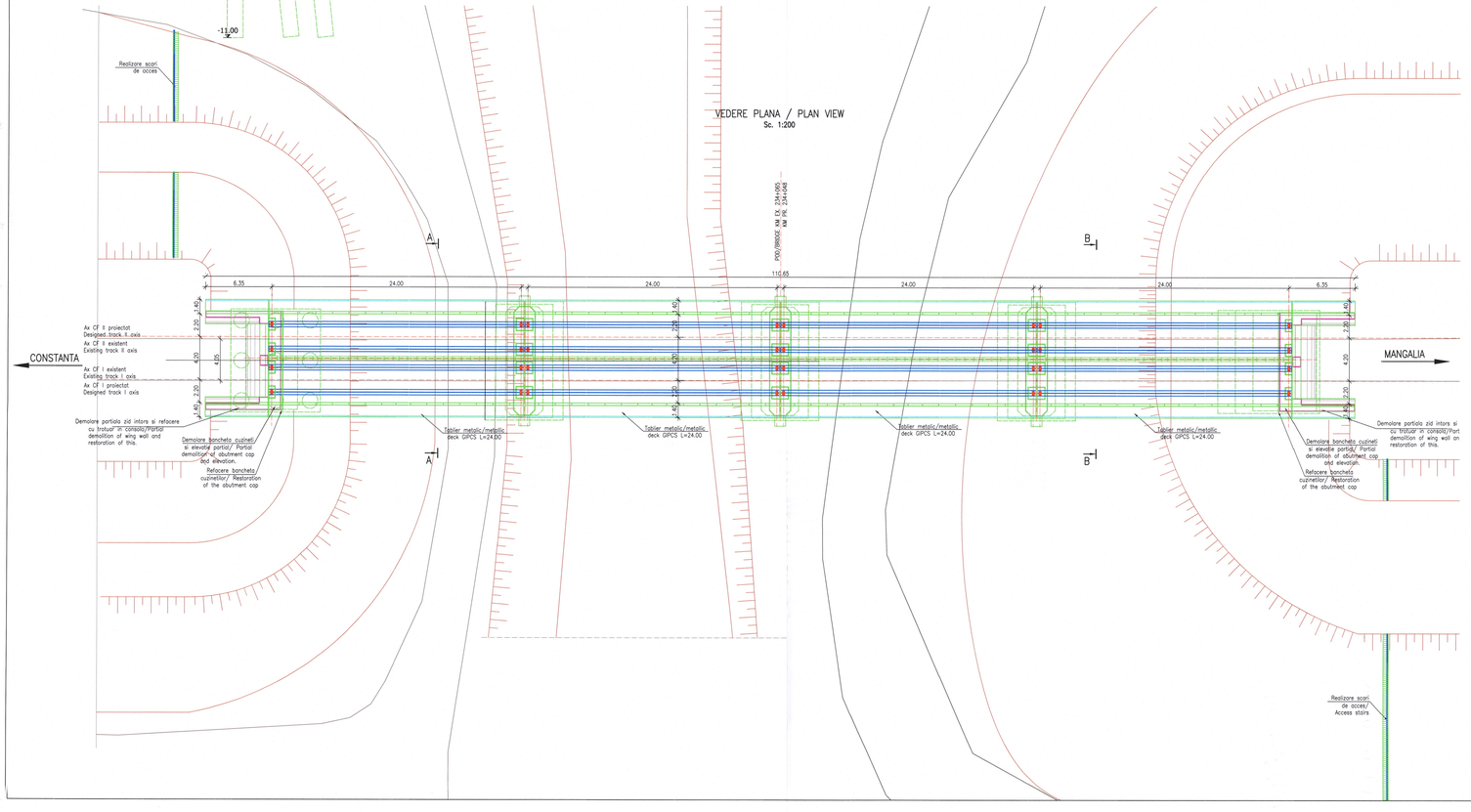


NOTA:
1. Prezentul plan s-a incomit in baza urmatoarelor date:
- Studiu topografic
- Studiu geotehnic
- Expertiza tehnica
- Fisa Podului
- Releveu
- Date culese de pe teren
2. Lucrari prevazute constau in:

Suprastructura
- Scoaterea din cale a tablierelor existente.
- Executarea si montarea tablierelor independente de tip grinzi cu inima plina cale sus cu dala de beton cu L=24.00m.

Infrastructura
- Demolarea bancheteI cuzinetilor stat la pile cat si la culee
- Demolarea partiala a zidurilor intoarse si de garda
- Refacerea bancheteI cuzinetilor pentru infrastructuri catfel incat sa corespunda noului tablier.
- Realizarea consolelor pentru sustinerea stalpilor metalici LC
- Refacere ziduri intoarse, noile ziduri intoarse vor avea fraturare pietonale realizate in consola.
- Adaptarea zidului de garda pentru noua suprastructura
- Se vor dispune dispozitive de cooperire rost intre tablier si zidul de garda si intre tablere.
- Refacerea hidroizolatie si sistemului drenant din spatele culeelor.
- Toate suprafetele de beton ale infrastructurii se vor repara si trata ulterior cu substante de protectie.
- Realizare scari de acces prevazute cu mana curenta

Alte lucrari
- Montare contrasina

NOTE:
1. This plan was prepared based on the next data:
- Topo survey
- Geo technical study.
- Technical expertise
- Shet of the bridge
- Bridge measurement
- Data collected on the site.
2. The works for this bride are as follows:

Superstructure
- Dismantling of the existing superstructure.
- Execution and installation of new superstructures.

Infrastructure
- Demolition of the pier and abutment cap
- Partial demolition of back wall and wing wall
- Realization of pier cap and bearings for all infrastructures so that it correspond to the new superstructure.
- Making consoles for CL Pole
- Restoration of the wing wall. The new wing wall will have a sidewalk
- The back wall it will be done in accordance with the superstructure.
- Bridge expansion joints will be installed.
- Restoration of waterproofed system behind abutments
- All concrete surfaces of the infrastructure will be treated with protective substances.
- Creation of access stairs

Other works:
- Mounting the guard rail

LEGENDA BETOANELOR/CONCRETE LEGEND
conform NE 012-1:2007 si SR EN 206: 2021

- 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.
  FUNDATII SI RADIERE/ 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 | BAUTERM OPTES S.R.L.; L.E.F.F.I. 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 AGIGEA ECLUZĂ - EFORIE NORD |
| NUME/NAME | SEMNĂTURA/ SIGNATURE | SPECIALITATE/ SPECIALTY | PODURI/PODEȚE / BRIDGE/CULVERT |
| PROIECTAT/ DESIGNED: Ing. Marius HAZAPARU | | OBIECT/ OBJECT | POD / BRIDGE km pr./dsg. 234+048 (km ex. 234+065) |
| VERIFICAT/ VERIFIED: Dr. Ing. Carmen BĂLAN | | DENUMIRE PLAN/ NAME PLAN | DISPOZIȚIE GENERALĂ/ GENERAL LAYOUT |
| AVIZAT/ ADVISED: Ing. Marin BAICU | | | |
| DATĂ/DATE: 09.2023 | SCARĂ/SCALE: 1:200; 1:100 | COD PLAN/ PLAN CODE: | SF 6 SF 06 P 02 02 R4 |