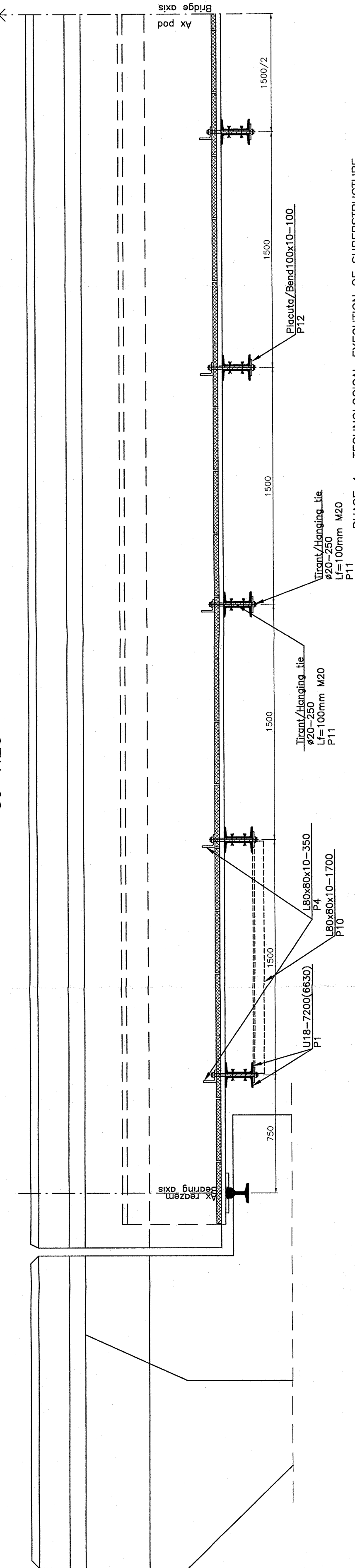


sc 1:20



1. In inchidere de circulatie pe linia I si circulatie cu restrictie de viteza de 15km/h pe linia II:

1. în închidere de circuite pe linia I și circuitele cu restricție de viteză de 15km/h pe linia II:
 - se scoate de sub tensiune firul de contact de pe firul I;
 - se demontează gazele de podurile provizorii tip G12 de pe firul I;
 - se montează grinzile metalice pe amplasamentul definitiv pe linia I prin fixarea acestora cu distanțieri si tije de stringere;
 - se realizează șapă armată cu plase sudate tip STNB 17GQ283 cu ochiuri 10x10x6;
 - se montează parapetul metalic conform planului P10, fixarea acestuia facindu-se prin sudura electric manuală cu electrozi SUPERBAZ;
 - se reface terasamentul în zona podului;
2. în închidere de circuite pe linia II și circuitele cu restricție de viteză de 50km/h pe linia I:
 - 3. în închidere de circuite pe linia I și circuitele cu restricție de viteză de 50km/h pe linia II:
 - se scoate de sub tensiune firul de contact de pe firul II;

—se scot din cale, cu macaraua cf: podetul provizoriu U5, podurile provizorii G12 si fundatiile

- se scot din cale, cu macaracu G10, podurile provizorii G12 si fundutiile asfaltate de pe curle si la amplasamentul de montaj; se scoate din cale, cu macaracu G12 si fundutiile asfaltate de pe curle si la amplasamentul de montaj; se scoate din cale, cu macaracu G12 si fundutiile asfaltate de pe curle si la amplasamentul de montaj; se scoate din cale, cu macaracu G12 si fundutiile asfaltate de pe curle si la amplasamentul de montaj;
- SUPRABAZ.

crossing traffic on track 1 and speed traffic restriction of 10 km/h on track 11.

- transferring traffic on track I and speed traffic restriction on track II. The temporary bridges G12, on track I, are dismantling the track from the temporary bridges G12, on track I; dismantling the temporary bridges G12, U5 and provisory foundations afforent to track I are taking out of track; dismantling the metallic grids in final emplacement, by fixing with spacers and clamping bars; placing the self-supporting slabs on the lower part of the metallic girder, on layer of bluminous mat painted, the joints will be filled with 100 cement mortar; the metallic reinforcement plan P08 and also the devices for metallic reinforcement shall be mounted according to the superstructure reinforcement plan P08 and also the devices for metallic reinforcement shall be realised in two phases from centre to margins according to the up presented schedule. Concreting shall be done continuously without concrete joints; the shuttering shall be removed from the superstructure; in the same time with superstructure execution the guarding walls afforent to track I shall be filled out by concreting; waterproofing on superstructure and the joints between the slabs shall be done with STN17 G02283 mesh 100x10046; the metallic handrail is mounted acc. to plan P10, fixing it by monoally electric weld with SUPERBAZ electrodes. a new embankment in bridge area, mounting the rail 60 type on bridge, at projected level (existing U.S.L.+7.0cm); track reopening on track I with speed traffic of 50km/h restriction. Closing traffic on track II and speed traffic of 50km/h restriction on track I;

dismantling the track from the temporary bridges G12, on track II;

- dismantling the track from the temporary bridges G12, on track II; dismantling tracks G12, G5 and provisionary foundations different from the temporary position, at 25cm from final bridge axis, from outside to inside after the rail is shifted in final emplacement;
- mounting the metallic girders in final emplacement, by fixing with spacers and damping bars;
- the joints will be filled with self-supporting concrete, having resistance norms mounted in front of sidewalk cantilever beams (10x2,5cm);
- the joints will be filled with self-supporting concrete, having resistance norms mounted in front of sidewalk cantilever beams (10x2,5cm);
- shuttering shall be realised with the TCO panels, sustained on horizontal and vertical boards (10x2,5cm);
- sustaining of self-supporting scaffold is carried out by resistance metal elements U18 type, 7200mm length, with one end fixed with the metallic girders by vertical hanging ties M20, using a corner-angle 90°x60°x6 mm;
- concreting is performed according to the superstructure reinforcement plan P08 and also the devices for metallic track docto plan P10;
- concreting is realised in two phases from centre to margins according to the presented schedule. Concreting shall be continuously without concrete joints;
- after achieving the concrete resistance at shuttering removal (min-0,5Rcb) the shuttering are removed from the same time with superstructure execution the guarding walls different to track II shall be filled out by concreting;
- waterproofing on superstructure and the joints between it and abutments is complied;
- revisiting the waterproofing covering, reinforced with welded net STN8 170QZ283 mesh 100x100x6;
- the metallic handrail is mounted acc. to plan P10, fixing it by manually electric welding with SUPERBAZ electrodes.
- removing the remaining material from the longitudinal joint between decks with expansion joint type TW60/130 acc. to P11;
- mounting the rail 80 type on bridge, at projected level (existing U.S.L.+70cm), filling out ballast layer;
- Traffic reopening on both tracks, respecting the norms in force regarding returning to normal speed.

-

[illegible]

- | | | | | | |
|------------------------------|----|-----------|-------|---------|-------|
| Hand rail | 2 | 160x80x10 | 1.700 | 11.85 | 40.30 |
| 10 Contreventure inferieara | | | | | |
| 11 OB37 hanging tie | 40 | Ø20 | 0.280 | 2.47 | 27.70 |
| 12 Picatura-sabla tirant | 40 | 100x10 | 0.100 | 7.85 | 31.40 |
| Bend-washer at hanging tie | | | | | |
| TOTAL (kg) | | | | 5762.00 | |
| Sunburi /Screws (3%) (kg) | | | | 172.00 | |
| GREUTATE TOTALA/TOTAL WEIGHT | | | | 5923.00 | |

- | EXTRAS MATERIAL METALIC PENTRU SUSTINERE COFRAJ TABLER FIR II
NECESSARY MATERIAL MATERIAL FOR SUSTAINING THE SHUTTERING DECK II | | | | | | | | | |
|--|---|--------------|--------------------------|-------------------|------------------|---------|--|--|--|
| Pozitie
Position | Denumire piesa
Piece Denomination | Buc
Pcs. | Dimensiuni
Dimensions | Lungime
Length | Greutate/Weights | | | | |
| | | | | | kg | S235 JR | | | |
| 1 | Profile U la cofraj tabler
U profile for sidewalk | 20 U18 | 6.630 | 21.98 | 2914.55 | | | | |
| 2 | Finura intre doua piese P13
Flang bent between two pcs P13 | 80 70x10 | 0.180 | 5.50 | 79.20 | | | | |
| 3 | Finura de fixare
Fixing bend | 20 180x10 | 0.330 | 14.13 | 93.26 | | | | |
| 4 | Contura de fixare
Fixing bend | 40 L30x80x10 | 0.300 | 11.85 | 142.20 | | | | |
| 5 | Profile U pentru trotuar (anginose)
U profiles for sidewalk | 2 U10 | 15.700 | 10.60 | 332.84 | | | | |
| 6 | Profile U pentru trotuar
U profiles for sidewalk | 20 U10 | 1.245 | 10.60 | 263.95 | | | | |
| 7 | Profile pentru cofraj tabler
U profile for sidewalk shuttering | 10 U18 | 1.200 | 21.98 | 283.76 | | | | |
| 8 | Stapo paralel
Horizontal pole | 10 L30x80x10 | 1.200 | 11.85 | 142.20 | | | | |
| 9 | Mena curenta
Hanging pole | 2 L30x80x10 | 15.700 | 11.85 | 372.10 | | | | |

10 Contravention inférieure à 1000 francs

- | | | | | | |
|----|-------------------------------|--------------|-------|-------|---------|
| 10 | Contraventure inferioara | 2 L60x80x10 | 1,700 | 11,85 | 40,30 |
| 11 | Tirant OB37 | 40 Ø20 | 0,290 | 2,47 | 27,70 |
| 12 | Placuta-sabot tirant | 40 100x40 | 0,100 | 7,85 | 31,40 |
| 13 | Besi+washer at hanging tie | 10 U18 | 1,600 | 21,58 | 417,62 |
| 14 | Profile for deck cladding | 10 L60x80x10 | 0,805 | 11,85 | 95,40 |
| 15 | Coniera de fixare | 10 140x10 | 0,330 | 11,00 | 36,30 |
| 15 | Furca intre doua piese P1 | | | | |
| | Fang band between two pss. P1 | TOTAL(kg) | | | 5253,00 |
| | | | | | 155,00 |
| | Sunburi Screws (5% (kg) | | | | 5415,00 |

- | | |
|--|---|
| <p>MATERIALE/MATERIALS</p> <p>Cherestea rasinoase/Resinous timber</p> <p>Cherestea fag/Beech timber</p> <p>Otel elemente sustinere cofraje S235 JR (SR EN10056-1:2000)</p> <p>Steel in sustaining elements for shuttering S235 JR (SR EN10056-1:2000)</p> | <p>SR EN 1313-1+A1:2001</p> <p>SR EN 975-1:2000</p> <p>(SR EN10056-1:2000)</p> <p>(SR EN10056-1:2000)</p> |
| <p>ASAMBLARE/ASSEMBLING</p> <p>Suruburi cu cap hexagonal</p> <p>Plăci de închidere</p> <p>Plăcuțe cu cap hexagonal</p> <p>Hexagonal interior screw</p> | <p>SR ISO 4017:2002</p> <p>SR ISO 4017:2002</p> <p>SR EN ISO 4032:2002</p> <p>SR EN ISO 4032:2002</p> |

SCREW LIST

- [illegible]

- | EXTRAS. MATERIAL METALIC PENTRU SUSTINERE COFRAJ TABLIER FIR II | | | | | | | | | |
|---|--|--------------|--------------------------|--|-------------------|------------------|---------|--|--|
| CESSARY MATERIAL METALIC MATERIAL FOR SUSTAINING THE SHUTTERING DECK II | | | | | | | | | |
| POZITIE
POSITION | DENUMIRE PIESA
PIECE DENOMINATION | Buc.
Pos. | Dimensiuni
Dimensions | | Lungime
Length | Greutati/Weights | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1 | Profilie U la cofraj tablă
U profiles for slab shuttering | 20 U18 | | | 6.630 | 21.98 | 2914.55 | | |
| 2 | Furcă, intru două piese P1
Firing bend between two pcs. P1 | 80 70x10 | | | 0.180 | 5.50 | 79.20 | | |
| 3 | Furcă de fixare
Firing bend | 20 180x10 | | | 0.330 | 14.13 | 93.26 | | |
| 4 | Centră de fixare
Firing bend | 40 180x80x10 | | | 0.300 | 11.85 | 142.20 | | |
| 5 | Profilie U pentru trotuar (origine)
U profiles for sidewalk | 2 U10 | | | 15.700 | 10.60 | 332.84 | | |
| 6 | Profilie U pentru trotuar
U profiles for sidewalk | 20 U10 | | | 1.245 | 10.60 | 263.95 | | |
| 7 | Profilie pentru cofraj tablă
U profiles for slab shuttering | 10 U18 | | | 1.200 | 21.98 | 263.76 | | |
| 8 | Stăpă carport
Hendrail pole | 10 180x80x10 | | | 1.200 | 11.85 | 142.20 | | |
| 9 | Mană curentă
Hendrail pole | 2 180x80x10 | | | 15.700 | 11.85 | 372.10 | | |

10	Contravantuire inferioara	2	L80x80x10	1.700	11.85	40.30
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- | | | | | | | |
|------------------------------|----------------------------|----|-----------|-------|-------|---------|
| 10 | Contreventure inferieara | 2 | L80x80x10 | 1.700 | 11.85 | 40.30 |
| 11 | Trent OB37 | 40 | Ø20 | 0.280 | 2.47 | 27.70 |
| 12 | Plicuța-saltea lărat | 40 | 100x10 | 0.100 | 7.85 | 31.40 |
| 13 | Buru-washer at hanging tie | 10 | U18 | 1.900 | 21.98 | 417.62 |
| 14 | Comiera de fixare | 10 | L80x80x10 | 0.805 | 11.85 | 95.40 |
| 15 | Fixing corner angle | 10 | 140x10 | 0.530 | 11.00 | 36.30 |
| TOTAL(kg) | | | | | | 5253.00 |
| Sumburi /Screws (3%) (kg) | | | | | | 158.00 |
| GREUTATE TOTALA TOTAL WEIGHT | | | | | | 5415.00 |
- Screw LIST

Sumb /Screw M20 *
- | | | | | | | |
|---------------------------|---|------|----------------------------------|---|--|--|
| | | | | | | |
| B | A | Date | Modificarea | | | |
| BENEFICIARUL CONTRACTANT: | | | | Modificarea / Revision
CONTRACTING AUTHORITY
IMPLEMENTING AUTHORITY | | |
| | | | | Ministerul Transporturilor
Ministerul Transporturilor
Ministry of Transport | | |
| | | | ROMANIA ROMANIA NATIONAL COMPANY | | | |
- PROMITEC**

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Ing. **Nicoleta FLORIAN**

Ing. **Violeta ALBESCU**

Scara / Scale:

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- Verificat / Designed

Comandat / Ordered

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