

**Accest plan anuleaza si inlocuieste planul nr. PT.02.04.11.RE.01.004 elaborat la data 01.2013.**

**This layout plan canceled and replaced layout plan no. PT.02.04.11.RE.01.004 prepared on 01.2013.**

**MATERIALE:**  
 Beton de egalizare C12/15 CEM III/A-S 32.5 N ; sort 0-31; A/C : 0.75 ;  
 Beton armat de monolitizare C30/37 CEM III/A-S 42.5 N; sort 0-16; A/C : 0.55;  
 Mortar M100-T  
 Armatura Bst500  
 Clasa de expunere: XC4 , XD3 , XF4

**MATERIALS:**  
 Equalization concrete C12/15 CEM III/A-S 32.5 N ; sort 0-31; A/C : 0.75 ;  
 Reinforced concrete C30/37 CEM III/A-S 42.5 N; sort 0-16; A/C : 0.55;  
 Mortar M100-T  
 Reinforcement Bst500  
 Exposure class: XC4 , XD3 , XF4

**NOTA:**  
 In situatia demontarii prefabricatelor dinspre linie pentru executarea lucrarilor la linie cu masini grele de cale se va aplica urmatoarea tehnologie:

Se decoperteaza asfaltul in zona monolitizarii dintre prefabricate (DP1)  
 Se demoleaza betonul de monolitizare  
 Se taie armaturile in zona centrata a monolitizarii (la min. 1.50m de la marginea peronului)  
 Se demontaza prefabricatele si se depoziteaza in aceeasi sectiune pe exteriorul peronului (prefabricatul demontat se depoziteaza pe cel care nu se demontaza)  
 Se executa lucrariile la cale

Se reface peronul prin montarea prefabricatelor prefabricatelor pe pozitia initiala  
 Pe masura ce se monteaza elementele prefabricate de peron se asigura continuitatea armaturilor, laiate in faza 3, cu eclise din Bst500 Ø10mm l=250mm sudate  
 Se monolitizeaza cu beton C30/37 zona demolata si se reface asfaltul decopertat.

**NOTE:**  
 The following technology will be applied in case when the prefabricated elements from the line will be removed in order to execute the line works with heavy track machines:

The asphalt uncovering in the concrete cast in position area between prefabricated elements (DP1)  
 Removing the cast-in-place concrete  
 Cutting the reinforcements in the central area of the concrete cast in position (at min.1.50 m from the platform edge)  
 Removing the prefabricated elements and storing them in the same section on the platform exterior side (the removed prefabricated unit is stored on the one which is not removed)

Track works execution  
 Renewing the platform by mounting prefabricated elements on the initial position  
 While mounting the prefabricated elements on the platform it is ensured the continuity of reinforcement that were cut at point 3, by help of Bst500 welded fishplates having Ø 10mm and l = 250 mm  
 The removed area is casted-in-place with concrete C 30/37 and the uncovered asphalt is renewed.

**PROIECTANT / DESIGNER:** **PÖYRY**

**Aprobat / Approved** Șef de echipă / Team leader C. Teodorescu  
**Verificat / Checked** Expert Cheie / Key Expert R. Wilan

**Subcontractant / Subcontractor** **VIOTOP**

**Aprobat / Approved** Adjunct Șef de echipă / Deputy Team leader A.M. Baicu  
**Proiectat / Designed** Inginer / Engineer D. Oprescu

**01.2013** **01.2013**

**01.2013** **01.2013**

**Semnătura / Signature**

**Verificator / Expert Checker / Expert**

**Semnătura / Signature**

**Centra / Requirement**

**MINISTERUL TRANSPORTURILOR**

**BENEFICIAR / BENEFICIARY :**

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**Semnătura / Signature**

**"Reabilitarea liniei c.f. Frontiera - Curtea - Simeria, parte componentă a coridorului IV Pan - European pentru cu viteză maximă de 160 km/h"**  
**Trenosus II 2 - B: Curtea - Simeria component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"**

**Denumire desen / Drawing name:**  
 P.O. Lăisint. Peroane. Plan secțiune peroane zonă stâlp iluminat S.P. Lăisint. Platforms. Current section platforms plan lightning pole

**Project 9i**  
**35311.1**

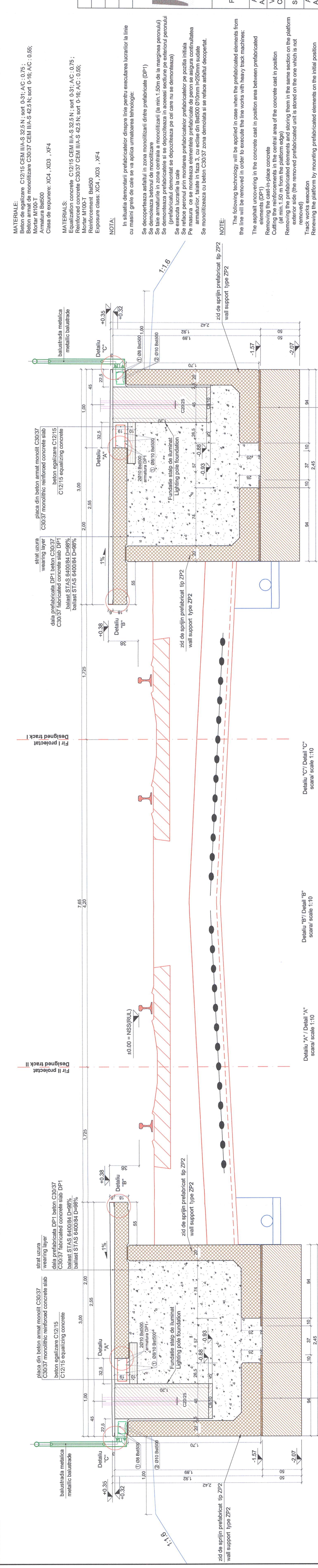
**Faza / Phase:**  
 PTh+CS / TD+TS

**Scula / Scale** 1:10;1:20

**Revizua / Revision** 1/05.2013

**Cod desen / Drawing Code** PT.2B.04.11.RE.01.004

**Nr / No** 04/ 06



**Extras de laminata [pe ml de peron]**  
**Rolled steel extract [by ml platform]**

| Pozitie / Position                         | Element / Element | Lungime / Length (m) | Greutate / Weight (kg) |         | Calitate / Quality |
|--------------------------------------------|-------------------|----------------------|------------------------|---------|--------------------|
|                                            |                   |                      | Pe UM                  | Pe buc. |                    |
| P1                                         | L60x60x5          | 1.00                 | 4.57                   | 4.57    | S255JR             |
| P2                                         | L45x30x4          | 1.00                 | 2.25                   | 2.25    | S255JR             |
| P3                                         | Pb 50x4-50        | 0.05                 | 1.57                   | 0.0785  | S255JR             |
| P4                                         | M6-50             | -                    | -                      | 0.03    | S255JR             |
| <b>Total / Total (kg)</b>                  |                   |                      | <b>7.2540</b>          |         |                    |
| <b>Sudura / Welding (3%)</b>               |                   |                      | <b>0.2176</b>          |         |                    |
| <b>Greutate totala / Total weight (kg)</b> |                   |                      | <b>7.4716</b>          |         |                    |

**Extras de armatura / buc. stâlp iluminat**  
**Reinforcement extract / pcs. lightning pole**

| Marca / Mark                                                      | Diametru / Diameter (mm) | Nr. Buc. / No. of pieces | Lungime / Length (m) | Ø8   | Ø10  |
|-------------------------------------------------------------------|--------------------------|--------------------------|----------------------|------|------|
| 1                                                                 | 8                        | 10                       | 0.45                 | 4.50 | -    |
| 2                                                                 | 10                       | 6                        | 0.50                 | -    | 3.00 |
| <b>Lungime totala pe diametru / Total length on diameter (m)</b>  |                          |                          | <b>4.50 3.00</b>     |      |      |
| <b>Masa pe metru / Mass on meter (kg/m)</b>                       |                          |                          | <b>0.395 0.617</b>   |      |      |
| <b>Masa pe diametru / Mass on diameter (kg/m)</b>                 |                          |                          | <b>1.78 1.85</b>     |      |      |
| <b>Masa totala pe tip de otel / Total mass on steel type (kg)</b> |                          |                          | <b>4.00</b>          |      |      |

**NOTA / NOTE:**  
 Toate tipurile de otel (in special Bst 500) vor avea obligatoriu clasa de ductilitate C.  
 All types of steel (especially Bst 500) will mandatory have the ductility class C.

**strat uzura**  
 wearing layer  
 placa din beton armat monolit C30/37  
 C30/37 monolithic reinforced concrete slab

**dala prefabricata DP1**  
 beton C30/37  
 C30/37 fabricated concrete slab DP1

**balast STAS 6400/84 D=98%**  
 ballast STAS 6400/84 D=98%

**balustrada metalica**  
 metallic balustrade

**Detaliu "C"**  
 Detail "C"

**Detaliu "A"**  
 Detail "A"

**Detaliu "B"**  
 Detail "B"

**Detaliu "C7" Detail "C"**  
 Detail "C7" Detail "C"

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 wearing layer  
 dala prefabricata DP1  
 beton C30/37  
 C30/37 fabricated concrete slab DP1

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 ballast STAS 6400/84 D=98%

**balustrada metalica**  
 metallic balustrade

**Detaliu "A" / Detail "A"**  
 Detail "A" / Detail "A"

**Detaliu "B" / Detail "B"**  
 Detail "B" / Detail "B"

**Detaliu "C7" Detail "C"**  
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 Detail "A" / Detail "A"

**Detaliu "B" / Detail "B"**  
 Detail "B" / Detail "B"

**Detaliu "C7" Detail "C"**  
 Detail "C7" Detail "C"

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 Detail "B" / Detail "B"

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 Detail "B" / Detail "B"

**Detaliu "C7" Detail "C"**  
 Detail "C7" Detail "C"