

CLASA DE IMPORTANTA A CONSTRUCTIEI
CONFORM P100/1-2006 ESTE III; CATEGORIA DE
IMPORTANTA CONFORM H.G. nr. 766/97 este "C".

THE CONSTRUCTION IMPORTANCE CLASS,
ACCORDING TO P100/1-2006, IS III;
CATEGORY, ACCORDING TO H.G. 766/97 IS "C"

SECTIUNE ZONA STALPI DE ILUMINAT PERON LINIA II-4 h=0.38 m
SECTION LIGHTING POLE AREA OF PLATFORM LINE II-4 h=0.38 m

Ø10/20 Bst500 L=1.30m

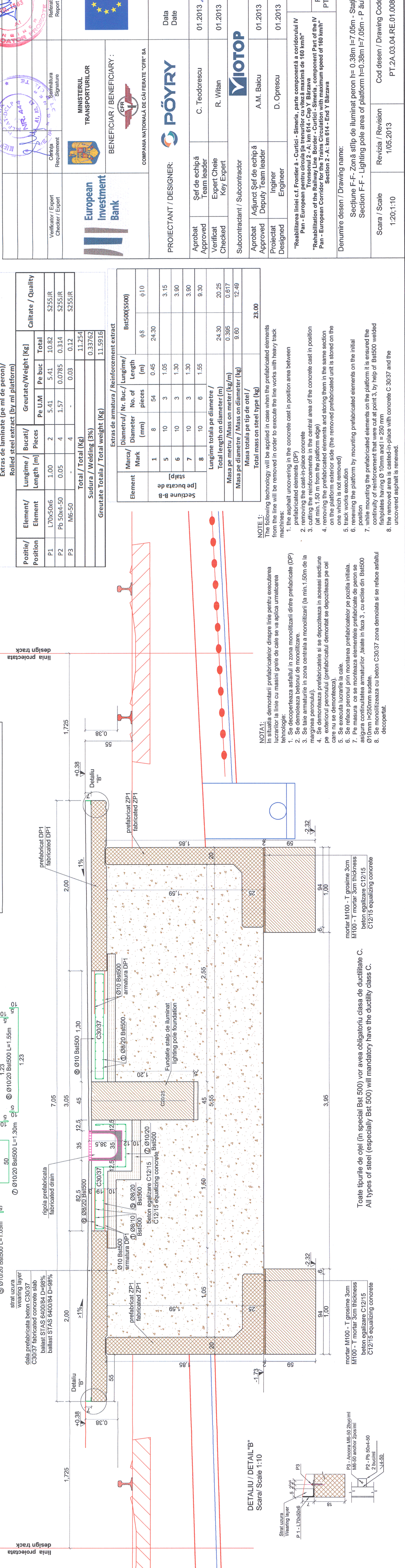
Ø10/20 Bst500 L=1.55m

Ø10/20 Bst500 L=1.30m

Ø10/20 Bst500 L=1.05m

Ø10/20 Bst500 L=1.30m

Ø10/20 Bst500 L=1.30m



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;
Beton armat de monolitizare C20/25 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;
Reinforced concrete C20/25 CEM III/A-S 42.5 N; sort 0-16; A/C : 0.55
Mortar M100-T
Reinforcement Bst500
Exposure class: XC4 , XD3 , XF4

Extras de laminare (pe ml de peron)/
Rolled steel extract (by ml platform)

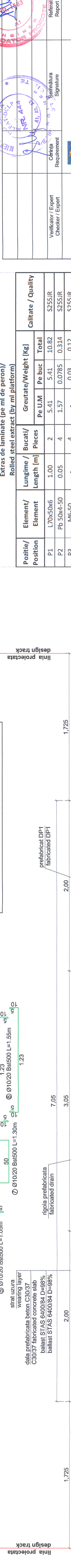
Element / Element	Lungime / Length [m]	Bucati / Pieces	Greutate / Weight [kg]	Pe Buc. / Total	Calitate / Quality
P1	L70x50x6	2	5.41	10.82	S255JR
P2	Pb 50x4-50	4	1.57	0.314	S255JR
P3	M6-50	4	0.03	0.12	S255JR
Total / Total (Kg)			11.254		
Sudura / Welding (3%)			0.33762		
Greutate Totala / Total weight (Kg)			11.5916		

Extras de armatura / Reinforcement extract

Element	Marca / Mark	Diametru / Diameter (mm)	Nr. Buc. / No. of pieces	Lungime / Length (m)	Bst500(5500)
1		8	54	0.45	φ8
5		10	3	1.05	24.30
6		10	3	1.30	3.15
7		10	3	1.30	3.90
8		10	6	1.55	3.90
Lungime totala pe diametre / Total length on diameter (m)					24.30
Masa pe metru / Mass on meter (kg/m)					0.395
Masa pe diametre / Mass on diameter (kg)					9.60
Masa totala pe tip de otel / Total mass on steel type (kg)					23.00

NOTA 1:
In situatia demontarii prefabricatelor din zona monolitizata dintr-o prefabricata (DP) lucranii la linie cu masini grele de cale se va aplica urmatoarea tehnologie:
1. Se decoperteaza asfaltul in zona monolitizata dintre prefabricate (DP)
2. Se demoleaza betonul de monolitizare.
3. Se taie armaturile in zona centrata a monolitizarii (la min. 1.50m de la marginea peronului).
4. Se demonteaza prefabricatele si se depoziteaza in aceeasi sectiune pe exteriorul peronului (prefabricatul demontat se depoziteaza pe cel care nu se demonteaza).
5. Se executa lucrariile la cale.
6. Se reface peronul prin montarea prefabricatelor pe pozitia initiala.
7. Pe masura ce se monteaza elementele prefabricate de peron se asigura continuitatea armaturilor, taiate in faza 3, cu eulse din Bst500 Ø10mm l=250mm sudate.
8. Se monolitizeaza cu beton C30/37 zona demolata si se reface asfaltul decopertat.

NOTA 1:
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:
1. the asphalt uncovering in the concrete cast in position area between prefabricated elements (DP)
2. removing the cast-in-place concrete
3. cutting the reinforcements in the central area of the concrete cast in position (at min. 1.50 m from the platform edge)
4. 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)
5. track works execution
6. renewing the platform by mounting prefabricated elements on the initial position
7. 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
8. the removed area is casted-in-place with concrete C 30/37 and the uncovered asphalt is renewed.



Verificator / Expert
Checker / Expert

Căminia
Requirement

Semnătura
Signature

Referat / Expunere
Report / Exponise



BENEFICIAR / BENEFICIARY :
COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER:
PÖYRY

Șef de echipă
Team leader

Expert Cheie
Key Expert

Subcontractant / Subcontractor
A.M. Baicu
D. Oprea

APROBAT / APPROVED

Verificat / Checked

Subcontractant / Subcontractor

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PROIECTANT / DESIGNER: PÖYRY

Șef de echipă / Team leader: C. Teodorescu

Expert Cheie / Key Expert: R. Witan

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Scara / Scale: 1:20; 1:10

Revizua / Revision: 1/05.2013

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Nr / No: 08/10