

SECTION A-A
Scale 1:20

MATERIALE:
Beton de egal
Beton armat c
Mortar M100-
Armatura Bstt
Clasa de expu

MATERIALS:
Equalization
Reinforced concrete
Mortar M100-
Reinforcement
Exposure class

Acest plan anuleaza si inlocuieste planul nr. PT.02.04.16.RE.01.002 elaborat la data 01.2013.

This layout plan canceled and replaced layout plan no. PT.02.04.16.RE.01.002 prepared on 01.2013.



PROIECTANT / DESIGNER:

Aprobat	Şef de echipă
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Expert Opinions	Key Expert
Checked	

Subcontractant / Subcontractor

Aprobat	Adjunct Șef de echipă
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Proiectat	Inginer
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"Reabilitarea liniei c.f. Frontieră - Cuișor"

Tronsonul 2 - C:

Pan - European Corridor for the Train

2000

Drawing name

Secțiunea A-A -

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REVIEW	1/1
1:10 : 1:20	

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10 XD3 XF4

Extras de laminat (pe ml de peron)/ Rolled steel extract (by ml platform)							
Pozitie/ Position	Element/ Element	Lungime / Length [m]	Bucati/ Pieces	Greutate/Weight [kg]			Calitate / Quality
				Pe UM	Pe buc	Total	
P1	L70x50x6	1.00	2	5.41	5.41	10.82	S255JR
P2	Pb 50x4-50	0.05	4	1.57	0.0785	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 armadura / Reinforcement extract

Element	Marca/ Mark	Diameter/ Diameter (mm)	Nr. Buc. No. of pieces	Lungime/ Length (m)	Bst500 (\$500)	
					φ 8	φ 10
secțiune A-A [pe ml de peron]	1	8	60	1.00	60.00	
	2	10	5	3.75		18.75
	3	10	5	1.15		5.75
	4	10	5	2.20		11.00
Lungime totala pe diametru / Total length on diameter (m)					60.00	35.50
Masa pe metru /Mass on meter (kg/m)					0.395	0.617
Masa pe diametru /Mass on diameter (kg)					23.70	21.90
Masa totala pe tip de otel / Total mass on steel type (kg)						46.00

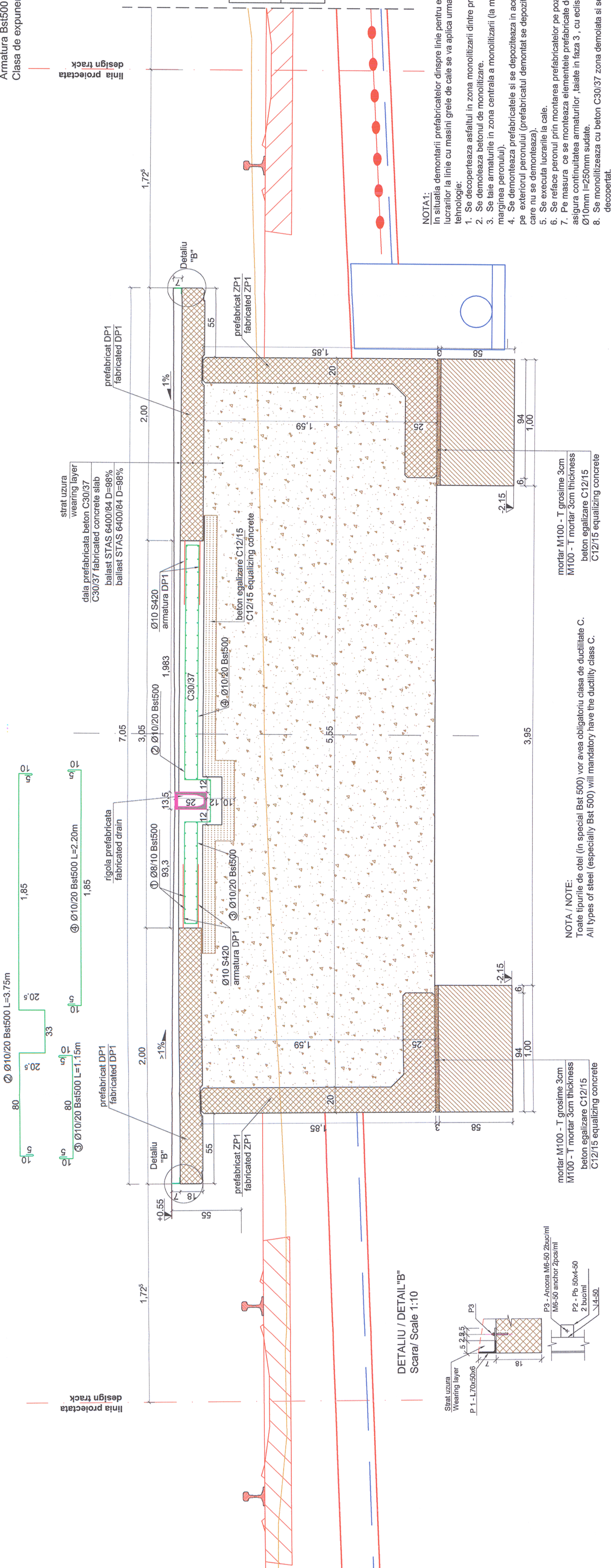
NOTE 1:

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 S420 welded flatplates 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.

CLASA DE IMPORTANTA A CONSTRUCȚIEI
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.C. 76697 IS "C"



NOTA 1.

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

1. Se decoperteaza asfaltul in zona monolitizarii dintrre prefabricate (DP)
2. Se demonteaza betonul de monolitizare.
3. Se taie armaturile in zona centrala 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 lucrurile 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 taza 3, cu edile din S420 Ø10mm l=250mm sudate.
8. Se monolitizeaza cu beton C30/37 zona demolata si se reface asfaltul decopertat.

NOTE:

purile de otel (in special Bst 500) vor avea obligatoriu clasa de ductilitate C.
s of steel (especially Bst 500) will mandatory have the ductility class C.

mortar M100 - T grosime 3cm
M100 - T mortar 3cm thickness
beton egalizare C12/15
C12/15 equalizing concrete