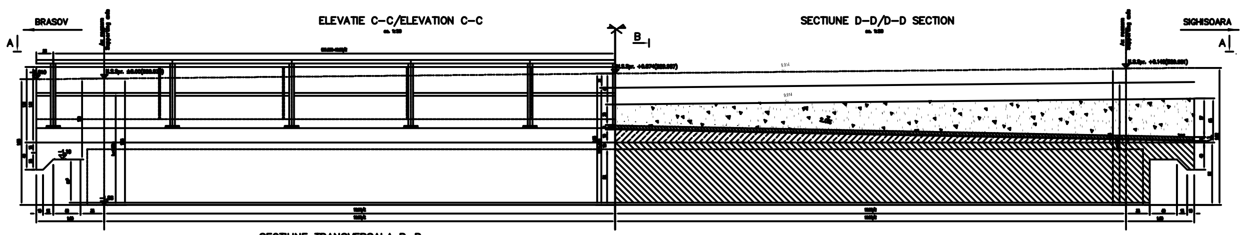
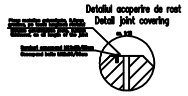
ELEVATIE C-C/ELEVATION C-C

SECTIUNE D-D/D-D SECTION

BRASOV — SIGHISOARA

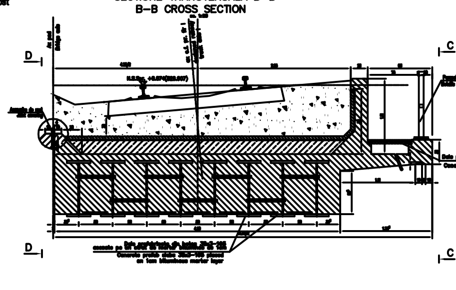


Detaliul acoperire de rost
Detail joint covering

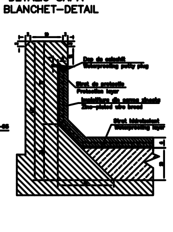


ATENTIE/ATENTION

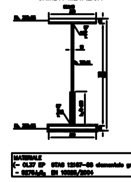
SECTIUNE TRANSVERSALA B-B
B-B CROSS SECTION



DETALIU SAPA
BLANCHET-DETAIL

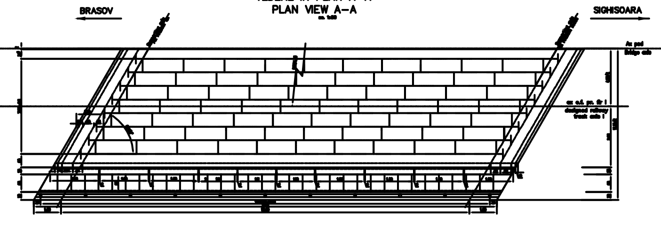


GRINDA METALICA

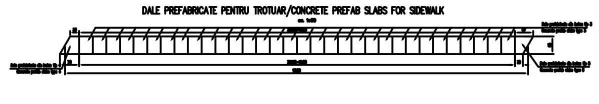


- grinzi metalice sudate/steel welded girders
- (OL 37-2K) S275J2G3 (EN 10025/2004)
- S355
- min. 4cm acoperire la aer/air exposed
- calculat cu convoiul TA.6, verificat cu convoiul UIC 71
- Metal sau lemn/Steel or wood

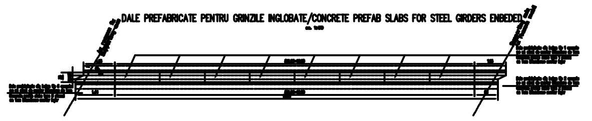
VEDERE IN PLAN A-A
PLAN VIEW A-A



DALE PREFABRICATE PENTRU TROTUAR/CONCRETE PREFAB SLABS FOR SIDEWALK



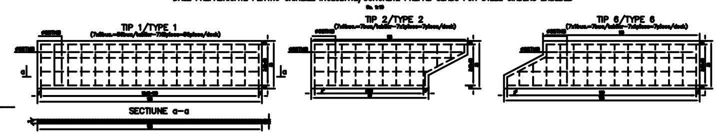
DALE PREFABRICATE PENTRU GRINZILE INGLOBATE/CONCRETE PREFAB SLABS FOR STEEL GIRDERS EMBEDED



DALE PREFABRICATE PENTRU GRINZILE INGLOBATE/CONCRETE PREFAB SLABS FOR STEEL GIRDERS EMBEDED

TIP 1/TYPE 1 — TIP 2/TYPE 2 — TIP 6/TYPE 6

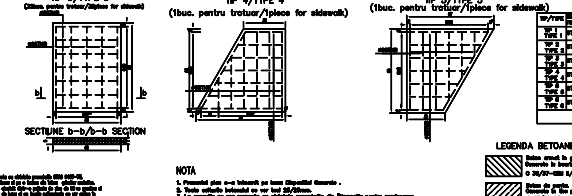
SECTIUNE a-a



DALE PREFABRICATE PENTRU TROTUAR/CONCRETE PREFAB SLABS FOR SIDEWALK

TIP 3/TYPE 3 — TIP 4/TYPE 4 (1buc. pentru trotuar/1piece for sidewalk) — TIP 5/TYPE 5 (1buc. pentru trotuar/1piece for sidewalk)

SECTIUNE b-b/b-b SECTION



EXTRAS DE ARMATURA STNB PENTRU UN TABLIER DE CALE FERATA SIMPLA
TABLE FOR REINFORCEMENTS STNB FOR SINGLE YRAK RAIWAY DECK

TIP/TYPE	TIP ARMATURA TYPE REINFORCEMENT	Nr. BUC. No. PIECE	kg/m	m/buc. m/piece	kg
TIP 1 TYPE 1	STNB 6 6.0.283	56	0.222	11.60	146,00
TIP 2 TYPE 2	STNB 6 6.0.283	7	0.222	7.18	12,00
TIP 3 TYPE 3	STNB 6 6.0.283	32	0.222	6.16	44,00
TIP 4 TYPE 4	STNB 6 6.0.283	1	0.222	6.30	1.60
TIP 5 TYPE 5	STNB 6 6.0.283	1	0.222	6.30	1.60
TIP 6 TYPE 6	STNB 6 6.0.283	7	0.222	9.19	16,00
				TOTAL	220,00kg

NOTA

1. Prezentul plan a-a intocmit pe baza Dispozitiei Generale.
2. Toate colturile betonului se vor tesi 25/25mm.
3. La executie se vor respecta cu strictete prevederile din "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 1:Producerea betonului", indicativ NE 012/1-2007 si "Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 2: Executarea lucrarilor din beton", indicativ NE 012/2-2010, iar verificarea calitatii lucrarilor si receptionarea lor se va face conform normativului C56-1985.
4. Constructia se incadreaza in categoria de importanta B (constructii de importanta deosebita), modul 1 de asigurare a calitatii si clasa de importanta B, conform HG 766/1997.
5. Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2.

NOTE

1. This plan was drawn up based on the General Disposition.
2. All concrete corners will be chamfered 25/25mm.
3. The execution will strictly comply with the provisions of "Norm for concrete production and works execution, reinforced and pre-stressed concrete-Part 1: Practice code for concrete production NE 012/1-2007 and "Norm for the concrete production and works execution, reinforced and pre-stressed concrete-Part 2: The execution of concrete works." NE 012/2-2010, and the quality and the reception of the works shall be made accordingly to Norm C 56-1985.
4. The construction has been classified in B category of importance (high important constructions), model 1-ensuring the quality and class of importance B according to G.O. 766/97.
5. The project will be checked in order to comply with the A4.2; B2.2; D2.2 requirements.

LEGENDA BETOANELOR/CONCRETE LIST

- Beton armat in grinzi inglobate de clasa / Concrete in bearings and in the deck slabs — C 30/37-CEM II/A-S 42,5-(XD4+XF3+XA1)-A/C=0,50-Dmax.16-Cl 0,20
- Beton de panta. / Concrete in the protection layer of waterproofing system. — C 25/30-CEM II/A-S 32,5-(XF3)-A/C=0,55-Dmax.16-Cl 0,20
- Beton in stratul de protectie a hidroizolatiei / Concrete in the protection layer of waterproofing system — C 25/30-CEM II/A-S 32,5-(XD4+XF3)-A/C=0,50-Dmax.16-Cl 0,20
- Beton in dalele prefabricate pentru trotuare / Concrete in the prefab slabs required for the sidewalks — C 25/30-CEM II/A-S 32,5-(XD4+XF3+XA1)-A/C=0,50-Dmax.22-Cl 0,20
- Beton in dalele prefabricate pentru grinzile inglobate in beton / Concrete in the prefab slabs required for the decks made out of steel girders embeded in to concrete — C 35/45-CEM II/A-S 42,5-(XD4+XF3+XA2)-A/C=0,50-Dmax.8-Cl 0,10

In cazul in care temperatura in timpul turnarii este scazuta, se vor folosi cimenturile cu rezistente initiale mare, R si aditivi acceleratori, iar in cazul turnarii pe timp calduros, cimenturile cu rezistente initiale uzuale, N si aditivi intarzietori, (conform NE012/2-2010 si tabelului 2 din SR EN 197-1:2002)

When the temperature during the casting is low, cements with high initial resistance, R and accelerating additives shall be used and when it is cast during warm weather, cements with common initial resistance - N and delaying additives shall be used (according the norm NE012/2-2010 and table 2 for the SR EN 197-1 : 2002).

Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
D					
C					
B					
A	12.2011	Revizia 1 / 1 Revision	Dinu Andreea		

\pxqc;GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EURO…
EUROPEAN UNION FINANCED PR…

\pxqc;CLIENT / CLIENT — \pxqc;C.N.C.F. "C.F.R." - S.A.

Italferr — GRUPPO FERROVIE DELLO STATO — Joint Venture leader; OBERMEYER; TECNIC

\pxqc;CONSULTANT / CONSULTANT

			Data Date	Semnătură Signature
Aprobat Approved	Șef proiect Project manager	\pxqc;R. Liuzza		
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	\pxqc;C. Gambelli		
Verificat Checked	\pxqc;Expert Checking Expert	V. Kalidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat Approved	\pxqc;Responsabil Subconsultant Subconsultant Responsible	\pxql;A.Stanciu - Dinulescu	11.2011	
Intocmit Elaborated	Proiectant Designer	Dinu Andreea	11.2011	

Reabilitarea liniei de cale ferata Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Brașov - Sighișoara
Rehabilitation of the railway line Brașov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Brașov - Sighișoara

Proiect/Project 2004/RO/16/P/PA/003

Faza / Phase: P.Th. / T.D. D.E. / E.D.

Denumire desen / Drawing Title: Interval Cata - Archita
POD Km.247+717.752 proiectat L=15.00m/COFRAJ SUPRASTRUCTURA TABLIER LINIA 1
\pxqc;BRIDGE Km.247+717.752 designed L=15.00m/SUPERSTRUCTURE SHUTTERING DECK RAILWAY 1

Codificare / Codification System — Scara / Scale 1:20 — LOT / LOT — Nr. / No 01 / 01

EA51 01 E 14 BB PV 02 7 3 005 1