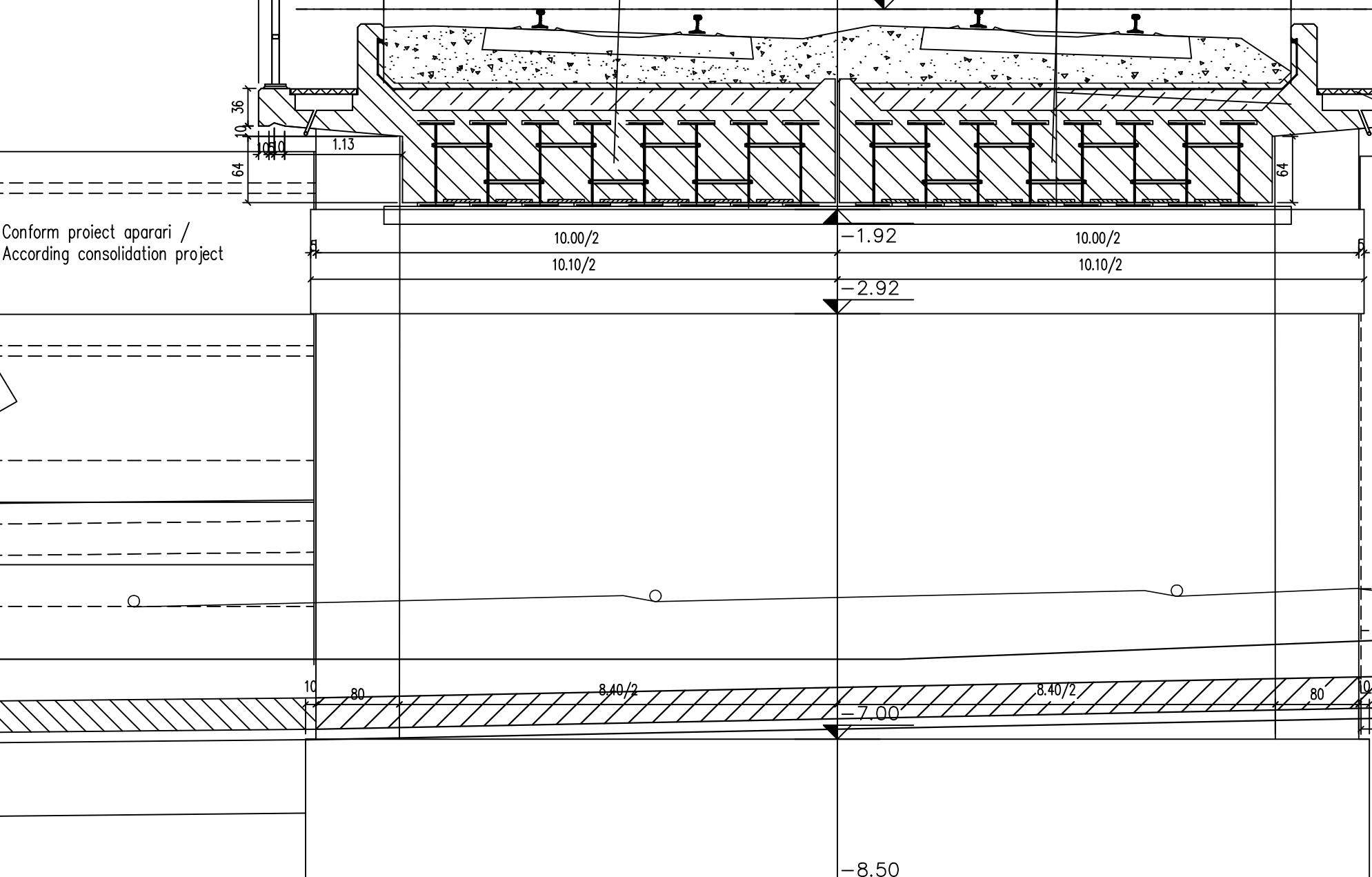


DATE HIDRAULICE
 -Inaltimea de apa in pod: h=1.44m
 -Perimetrul udat: P=10.23m
 -Aria udata: A=10.65mp
 -Viteza de curgere apa: V=3.88mc/s

HYDRAULIC DATA
 -Hydraulic height: h=1.44m
 -Wet perimeter: P=10.23m
 -Wet surface: A=10.65mp
 -Water low speed: V=3.88mc/s

SECTIUNE TRANSVERSALA D-D / D-D CROSS SECTION
 Scara 1:50/Scale 1:50

SUPRASTRUCTURA PODULUI
 CORESPUNDE CONVOIULUI UIC (LM71 si SW/2)
 BRIDGE SUPERSTRUCTURE
 CORESPOND TO CONVOY UIC (LM71 si SW/2)



TITLUL PLANSEI / PLAN TITLE
PLANURI TIP LA PODURI
 E A S 1 0 1 E 0 0 Q K P V 0 0 0 0 0 0 3 0

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GUVERNUL ROMANIEI
 ROMANIAN GOVERNMENT

PROIECT FINANTAT DE UNIUNEA EUROPEANA
 EUROPEAN UNION FINANCED PROJECT

CFR
 C.N.C.F. "C.F.R." - S.A.

CLIENT / CLIENT
 TALFER
 OBERMEYER
 TECNIC

CONSULTANT / CONSULTANT
 R. Luzzi
 C. Gambelli
 V. Kalidromitis

SUBCONTRACTANT / SUBCONTRACTOR
 A. Dinulescu Stancu
 Dinu Andreea

Reabilitarea liniei de cale ferata Brasov - Simeria, parte component a coridorului IV Pan European, pentru circula la trenurilor cu viteza maxim de 160 km/h,
 Brasov - Sighisoara
 Component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
 Section : Brasov - Sighisoara

Interval Cata - Arhitectura
 POD Km.242+992.058 L=16.00m/DISPOZITIE GENERALA
 BRIDGE Km.242+992.058 L=16.00m/DISPOSITION GENERALE

NOTA
 1. Prezentul plan s-a intocmit pe baza urmatoarelor date:
 - plan de situatie;
 - profil in lung;
 - profil transversal;
 - fisă podului;
 - calcul hidraulic;
 - date culese pe teren.
 2. Podul corespunde la convoaiele de calcul UIC (LM71 si SW/2).
 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), modelul 1 de asigurare a calitatii B in categoria de importanta B, conform HG 766/1997.
 5. Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2.
 6. Noul pod are urmatoarea alcatură:
 - suprastructura: tablier din grinzii metalice inglobate in beton, pentru cale dubla;
 - infrastructura: culei din beton armat, fundate direct.

NOTE
 1. This plan has been drawn up based on the following data:
 - Lay-out Plan;
 - Longitudinal Profile;
 - Cross-section Profile;
 - Bridge's File;
 - Hydraulic determination;
 - Field Data.
 2. Bridge convoys calculation corresponds to UIC (LM71 and SW/2).
 3. The execution will strictly comply with the provisions of "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 1: Practice code for concrete production" NE 012/1-2007 and "Practice code 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 importance 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.
 6. The new bridge has the following structure:
 - Superstructure: metallic girders embedded in concrete, with concrete box, for double track;
 - Infrastructure: abutments and reinforced concrete, with direct foundation.

LEGENDA BETOANELOR/CONCRETE LIST

- Beton armat in grinzii inglobate de clasa
 Concrete in bearings and in the deck slabs
 C 30/37-CEM II/A-S 42,5-(XC4+XF3+XA1)-A/C=0,50-Dmax.16-CI 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-CI 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-(XC4+XF3)-A/C=0,50-Dmax.16-CI 0,20
- Beton in dalele prefabricate pentru trotuare
 Concrete in the prefab slabs required for the sidewalks
 C 25/30-CEM I/A-S 32,5-(XC4+XF3+XA1)-A/C=0,50-Dmax.22-CI 0,22
- Beton in dalele prefabricate pentru grinzile inglobate in beton
 Concrete in the prefab slabs required for the decks made out of steel girders embedded in to concrete
 C 35/45-CEM I/A-S 52,5-(XC4+XF3+XA2)-A/C=0,50-Dmax.16-CI 0,10
- Beton armat in cuzinetii si in bancheta cuzinetilor
 Reinforced concrete in the cushions and cushions bench
 C 35/45-CEM I/A-S 52,5-(XC4+XF3+XA2)-A/C=0,50-Dmax.16-CI 0,20
- Beton armat in elevatie si in zidurile intoarce
 Reinforced concrete in the elevation infrastructure and reverted walls
 C 25/30-Ciment H II/A-S 42,5-(XC4+XF3)-A/C=0,50-Dmax.32-CI 0,20
- Beton simplu in fundatii
 Plain concrete in abutments foundations:
 C 25/30-Ciment H II/A-S 42,5-(XF3)-A/C=0,50-Dmax.32-CI 0,20

D		COD/CODE										
C		a	b	c	d	e	f	h	j	g	i	k
B		PLANURI TIP LA PODURI										
A		E A S 1 0 1 E 0 0 Q K P V 0 0 0 0 0 0 3 0										
Indice	Data	Modificarea	Proiectant	Aprobat	Aprobat	Aprobat	Aprobat	Aprobat	Aprobat	Aprobat	Aprobat	Aprobat
Index	Date	Modification/Revision	Designer	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
GUVERNUL ROMANIEI ROMANIAN GOVERNMENT		PROIECT FINANTAT DE UNIUNEA EUROPEANA EUROPEAN UNION FINANCED PROJECT										
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Denumire desen / Drawing Title:		INTERVAL CATA - ARHITECTURA										
POD Km.242+992.058 L=16.00m/DISPOZITIE GENERALA BRIDGE Km.242+992.058 L=16.00m/DISPOSITION GENERALE												
Codificare / Codification System		Scara / Scale 1:100; 1:50;		LOT / LOT		Nr. / No 01 / 01						
E A S 1 0 1 C 1 4 P A P V 0 2 6 0 0 0 2 1												