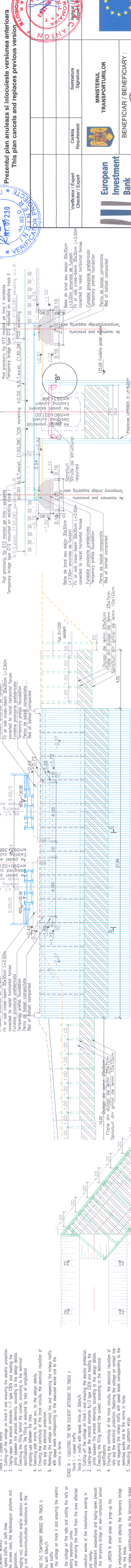


SECTIUNE C-C / C-C SECTION  
 FIR I existent / existing TRACK I  
 SECTIUNE C-C / C-C SECTION  
 FIR II existent / existing TRACK II



CONVOI 0.978.5 Vmax = 30km/h

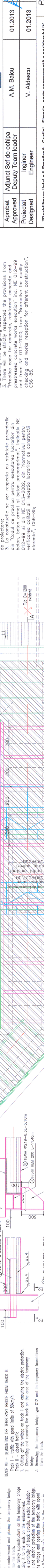
CONVOI 0.978.5 Vmax = 30km/h

1. Constructia se incadreaza in categoria B de importanta: Constructii de importanta deosebita, medie sau mica de asigurare a calitatii conform HG nr. 1997/2007.

2. Proiectul va fi verificat la exigentele A4, B2, D2.

NOTE:

1. Prezentul plan s-a intocmit in baza urmatoarelor date:
  - proiectul tehnic;
  - date culise pe teren;
  - studii geotehnice;
  - studii geozis;
  - studii geozis;
2. Inceperea executiei se va face numai dupa trasarea pe teren a axelor liniilor si verificarea de catre proiectant a tuturor dimensiunilor si a nivelurilor verificate daca nu au intervenit modificari fata de datele de proiectare;
3. La constructie se vor respecta cu strictete prevederile din "Codul de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat", indicativ NE G12-99 si din NE 013-2002, din "Normativul pentru verificarea calitatii si receptia lucrarilor de constructii civile", C56-85;



SECTIUNE V - EXECUTING THE NEW CULVERT AFFERTEN TO TRACK II

Track I - closed traffic with speed limits of 30km/h

Track II - closed traffic with speed limits of 30km/h

1. Preparing the work area on track I and ensuring the electric protection.

2. Laying down the prestressed elements 1-7 type C2EN and treating the joints between the prestressed elements, according to the design details.

3. Executing the filling behind the culvert, according to the technical specifications. The filling is executed by help of longitudinal propping-ups between the piles.

4. Executing side drains to level acc. to the design details.

5. Ensuring the continuity of the track circuits, the electrical insulation of rails and the electrical protection.

6. Restoring the voltage on contact line and reopening the railway traffic with speed limits corresponding to the executed works and to the norms in force.

SECTIUNE VI - EXECUTING THE NEW CULVERT AFFERTEN TO TRACK I

Track I - closed traffic

Track II - traffic with speed limits of 30km/h

1. Cutting-off the voltage on track I and ensuring the electric protection.

2. Laying down the prestressed elements 8-13 type C2EN and treating the joints between the prestressed elements, according to the design details.

3. Executing the filling behind the culvert, according to the technical specifications.

4. Ensuring the continuity of the track circuits, the electrical insulation of rails and the electrical protection. Restoring the voltage on contact line and reopening the railway traffic with speed levels corresponding to the executed works and to the norms in force.

5. Executing the upstream wings.

6. Executing side drains to level according to the design details.

7. Placing the waterproofing and the protection blanket of the waterproofing.

8. Executing the filling under the temporary bridges according to the technical specifications.

SECTIUNE VII - DEMOUNTING THE TEMPORARY BRIDGE FROM TRACK I

Track I - closed traffic

Track II - traffic with speed limits of 30km/h

1. Cutting-off the voltage on track I and ensuring the electric protection.

2. Dismantling and removing the track on the area of the temporary bridge.

3. Removing the temporary bridge type G12 and its temporary foundations from the track.

4. Removing the LARSSEN IV sheet-piles.

5. Executing the filling under the temporary bridge according to the design details.

6. Restoring the voltage on contact line and reopening the railway traffic with speed levels corresponding to the executed works and to the norms in force.

SECTIUNE VIII - DEMOUNTING THE TEMPORARY BRIDGE FROM TRACK II

Track I - closed traffic

Track II - traffic with speed limits of 30km/h

1. Cutting-off the voltage on track II and ensuring the electric protection.

2. Dismantling and removing the track on the area of the temporary bridge.

3. Removing the temporary bridge type G12 and its temporary foundations from the track.

4. Removing the LARSSEN IV sheet-piles.

5. Supplementing the filling according to the technical specifications up to the designed quota, executing the track according to the design.

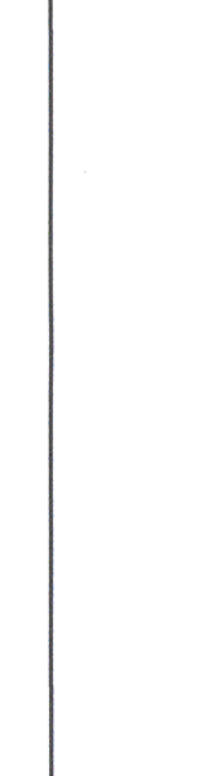
6. Ensuring the continuity of the track circuits, the electrical insulation of rails and the electrical protection.

7. Restoring the voltage on contact line and reopening the railway traffic with speed levels corresponding to the executed works and to the norms in force.

SECTIUNE IX - OTHER TYPES OF WORKS:

During normal speed traffic on both lines:

1. Mounting the metallic guard rails.
2. Executing the piling in the culvert and between the wings.
3. Executing the riprap mattresses at the ends of the culvert.
4. Executing the upstream and downstream culvert inverts according to the design details.
5. Removing the site organization and the work platform.



Prezentul plan anuleaza si inlocuieste versiunea anterioara  
 This plan cancels and replaces previous version

Verificator / Expert  
 Checker / Expert



PROIECTANT / DESIGNER:  
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 R. Tudorascu

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ADJUNCT SEF DE ECHIPA  
 Deputy Team leader  
 A.M. Baicu

PROIECTANT  
 Designer  
 V. Aldescu

"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulația cu viteză maximă de 160 km/h"

"Rehabilitation of the Railway Line Curtici - Simeria, component Part of the IV Pan - European Corridor for High Speed Rail with maximum speed of 160 km/h"

Section 2-A : km 614 - end Y Barzava

Denumire desen / Drawing name:  
**TEHNOLOGIE DE EXECUTIE / EXECUTION TECHNOLOGY  
 PODET / CULVERT KM pr. 590+027 (KM ex. 593+368)**

Scara / Scale  
 1:100

Revizia / Revision  
 1 / 04.2013

Cod desen / Drawing Code  
 PT.02.02.06.PO.01.04

Nr / No  
 04

EXTRAS DE PROFIL METALICE HEM 200  
 PENTRU SPRINJINI

Marca / Mark	PIESELE	SECTIUNE	Lungime bare / Bars length [m]	Numar bare / Bars number [buc./ pcs.]	Lungimi totale / Length [m]
1	SPRAIT	HEM 200	4.25	11	48.75
2	FILATA	HEM 200	20.20	2	40.40
Lungimi pe tip profil / Lengths per type profile [m]					87.15
Masa pe metru / Weight per meter [kg/m]					103
Masa pe tip de profil / Weight per type profile [kg]					8978.45
TOTAL [kg]					8860

EXTRAS DE MATERIAL METALIC  
 PENTRU SUPTORI FILATE

Marca / Mark	PIESELE	SECTIUNE	Lungime bare / Bars length [mm]	Numar bare / Bars number [buc./ pcs.]	Lungimi totale / Length [m]
9	Pb	300x15	300.00	22	6.60
10	Pb	300x15	315.00	22	6.93
11	Pb	300x15	200.00	22	4.40
Lungimi pe tip profil / Lengths per type profile [m]					17.93
Masa pe metru / Weight per meter [kg/m]					33.75
Masa pe tip de profil / Weight per type profile [kg]					605.14
TOTAL [kg]					610