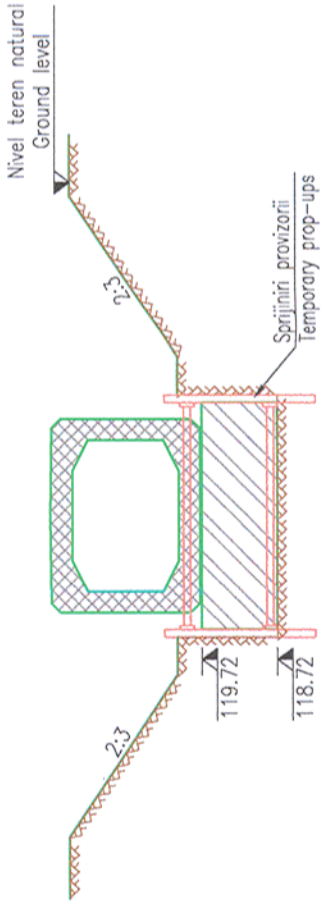


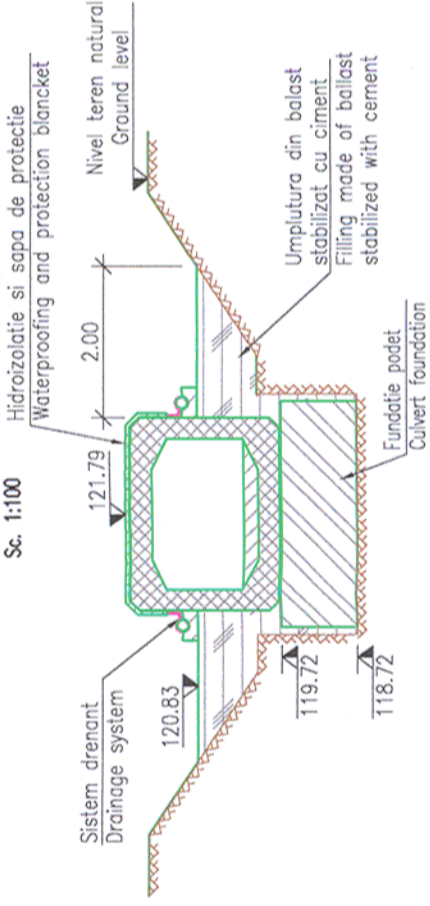
SECTIUNE TRANSVERSALA / CROSS SECTION
Sc. 1:100



- ETAPA I:
- Se amenajeaza drumul de acces, platforma tehnologica si organizarea de santier
 - Se traseaza si picheteaza axele liniilor pentru traseul nou proiectat si infrastructurilor podetului nou.
 - Se executa sapatura cu sprinjiri pentru realizarea fundatiilor noi (podet si oripi).
 - Se betoneaza fundatiile podetului si oripilor si se scot sprinjirile.
 - Se asaza elementele prefabricate tip C2EN redus si tip A1EN pe fundatiile monolite si se traseaza rosturile dintre elementele prefabricate conform detaliilor din proiect.
 - Pe suprafețele din beton in contact cu pamantului se vor aplica 2 straturi de emulsie din bitum filerizat.

- STAGE I:
- Arranging the access road, technological platform and site organization.
 - Marking-out and pegging-out the axes of the lines for the new designed route and the new culvert infrastructures.
 - Making the excavation with propping for executing the new foundations (culvert and wings).
 - Concreting the foundations of the culvert and of the wings and removing the propping.
 - Placed the precast elements reduced type C2EN and type A1EN on the cast-in-place foundations and treating the joints between the precast elements according to the details in the design.
 - Applying 2 layers of filler bitumen emulsion on the concrete surfaces coming in contact with earth.

SECTIUNE TRANSVERSALA / CROSS SECTION
Sc. 1:100



- ETAPA II:
- Se executa umplutura din balast stabilizat cu ciment la cota.
 - Se executa fundatia drenului conform detaliilor din proiect.
 - Se executa sistemul drenant (geotren, geotextil si tub).
 - Se executa hidroizolatie si sapa de protectie a hidroizolatiei.
 - Se executa pereții in podet si intre aripi.
 - Se executa saltuea din anrocamente la capatul din amonte si oval a podetului.
 - Se amenajeaza albia podetului: in amonte si oval, conform proiectului.

- STAGE II:
- Executing the filling made of ballast stabilized with cement at the dimension.
 - Executing the foundation of the drain according to the details in the design.
 - Executing the draining system (geo-drain, geo-textile and tube).
 - Executing the waterproofing and the protection blanket of the waterproofing.
 - Executing the pitching in the culvert and between the wings.
 - Executing the mattress of riprap at the upstream and downstream end of the culvert.
 - Arranging the riverbed of the upstream and downstream culvert, according to the design.

TEHNOLOGIA DE POZARE A ELEMENTELOR PREFABRICATE:

- Pe betonul de fundatie intarit se astern 3cm de mortar de ciment (2cm pentru nivelare si 1cm pentru pozare).
- Prefabricatele se aseaza in amplasament, dupa care se ridica si se observa urma lasata pe stratul de mortar proaspăt. In cazul in care nu s-a realizat asezarea pe toata suprafata, se completeaza cu mortar de ciment de poza. Operatia se repeta pana cand se obtine rezemarea pe toata suprafata.

PREFABRICATED ELEMENTS LAYING TECHNOLOGY:

- 3cm of cement mortar are placed on the hardened concrete foundation (2cm for levelling and 1cm for laying).
- The prefabricated elements are placed on site, after than there are rising and the track leaved on the fresh mortar layer is observed. If the laying is not done on the whole surface, cement mortar is cast on. The operation is repeated till the whole supporting surface is obtained.

ETAPA III – DUPIA EXECUTAREA TERASAMENTULUI:

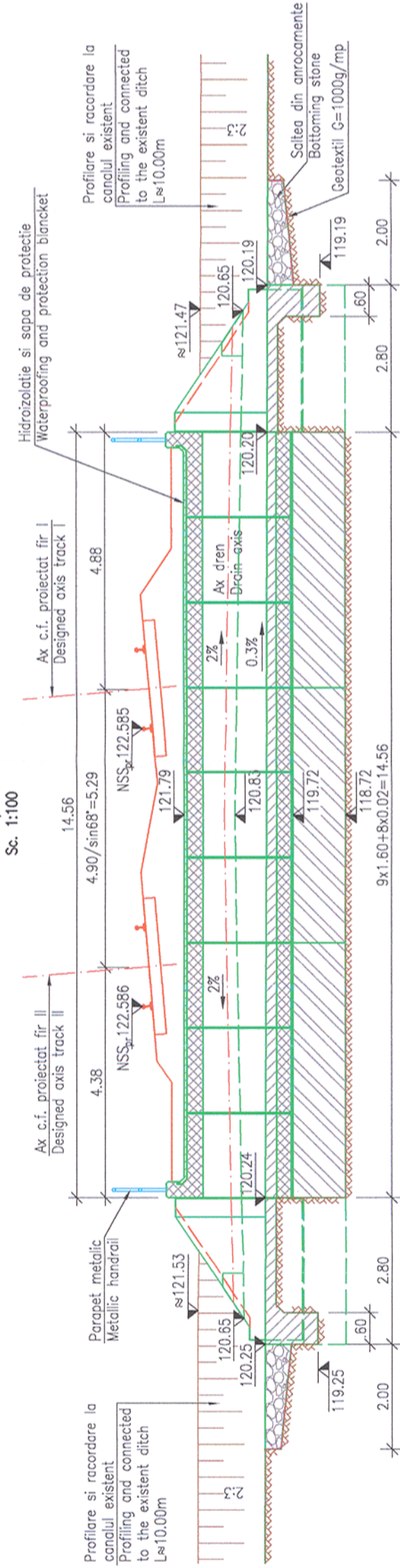
- Se monteaza parapetul de protectie metalic.
- Se desfiinteaza organizarea de santier si platforma de lucru.

STAGE III – AFTER THE EXECUTION OF THE EMBANKMENT:

- Mounting the metallic guard rails.
- Removing the site organization and the work platform.



SECTIUNE LONGITUDINALA / LONGITUDINAL SECTION
Sc. 1:100



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

Verificator / Expert Checker / Expert	Cerinta Requirement	Semnatura Signature	
PROIECTANT / DESIGNER:		Data Date	Semnatura Signature
Aprobat Approved	Sef de echipa Team leader	01.2013	
Verificat Checked	Expert Cheie Key Expert	01.2013	
Subcontractant / Subcontractor			
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	01.2013	
Proiectat Designed	Inginer Engineer	01.2013	
"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h"		Project 9i 35311.1	
"Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"		Faza / Phase: PTH+CS / TD+TS	
Denumire desen / Drawing name:			
TEHNOLOGIE DE EXECUTIE / EXECUTION TECHNOLOGY PODET / CULVERT KM pr. 607+366			
Scara / Scale 1:100	Revizia / Revision 1 / 04.2013	Cod desen / Drawing Code PT.02.02.01.PO.03.04	Nr / No 04