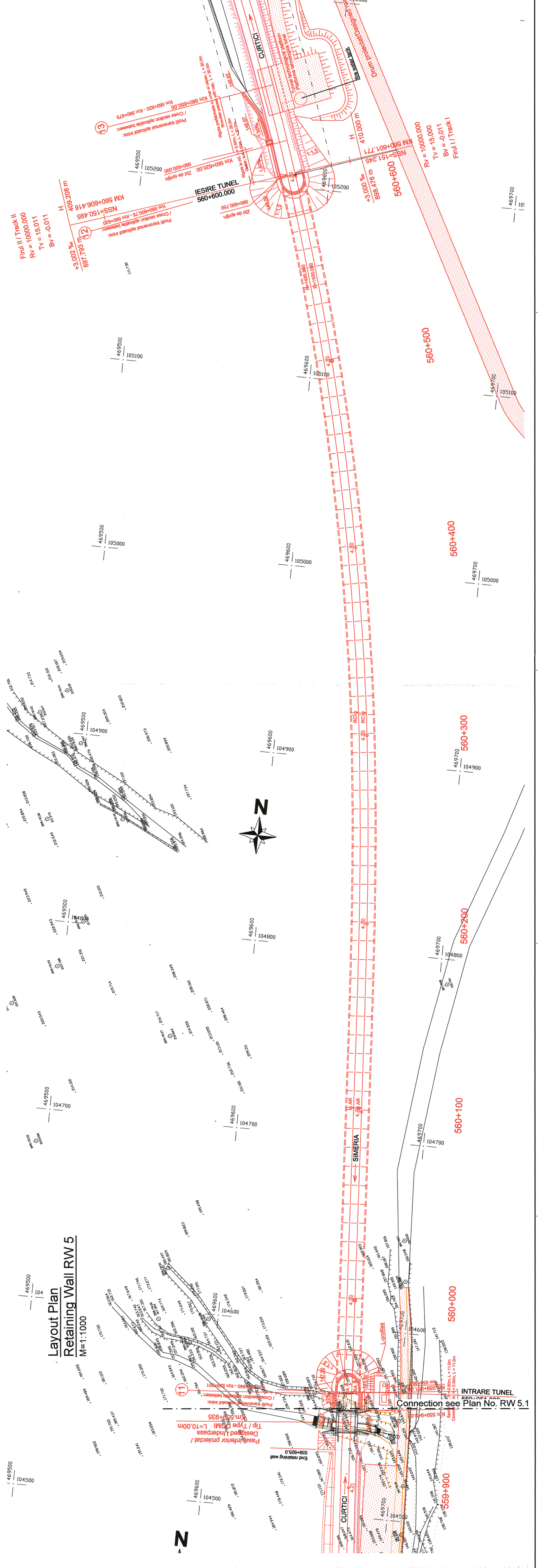


Layout Plan
Retaining Wall RW 5
M=1:1000



NOTE:

- This plan was prepared based on the following data:
- topographic survey; geotechnical study; technical expertise; data collected on the site;
- In order to make the tunnel, the following works will be carried -out:
- Cutting and supporting the portal area.
- Excavation and supporting the tunnel by mining method
- Construct the inner lining and the portals, waterproofing of the visible concrete areas
- Cover the portal
- During the execution, the provisions of the following documents will be strictly observed:
- Practice code for the execution of works made of concrete, reinforced concrete and prestressed concrete, indicative NE 012-2007;
- Practice code for the execution of the precast elements made of concrete, reinforced concrete and prestressed concrete, indicative NE 013-2002;
- Normative for quality checking and taking over of afferent construction works, indicative C56-85
- The Technical Specifications.
4. Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
5. The project will be verified at A.4, B.2 and D.2 requirements.

OBSERVATE:

- Pe toate suprafețele din beton în contact cu pamântul se vor aplica 2 straturi de emulsie din bitum fierizat.
- Protecția betonată a ablie va executa cu rosturi conform C.S.

ATTENTION:

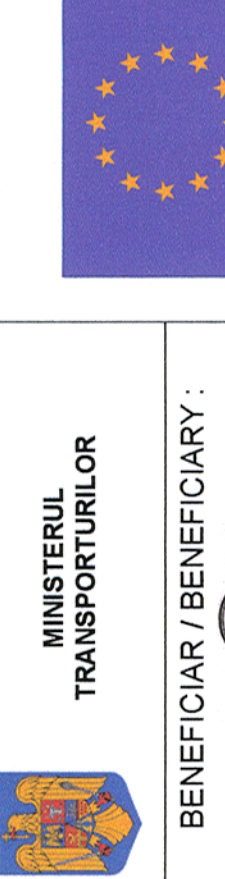
- All concrete surfaces in contact with soil will be coated with 2 bituminous layers.
- The concrete protection of the riverbed will be executed with joints according with technical specifications.

NOTA:

Pentru trasarea lucrarilor se vor folosi ca repere in plan axele liniilor c.f. iar ca repere de nivel cota NSS(Pr.).

NOTA:
For setting out the works, the axes of the railway lines will be utilized as reference marks in plan and the NSS(Dsg.) (top of the rail).

Longitudinal section	M 1:1000	TU 3.2
Cross Section km 560+000	M 1:100	TU 3.3
Cross Section km 560+150	M 1:100	TU 3.4
Cross Section km 560+200	M 1:100	TU 3.5
Cross Section km 560+350	M 1:100	TU 3.6
Cross Section km 560+550	M 1:100	TU 3.7
Regular Cross section CS1, d=60cm, R=5,80m	M. 1:50	CS 1
Regular Cross section CS2, d=40cm, R=5,80m	M. 1:50	CS 2
Portals	M. 1:50	CS 3
Details	M. 1:10	TUD 1
Excavation class 4.1	M. 1:250	EC 1
Excavation class 4.2	M. 1:250	EC 2
Excavation class 4.3	M. 1:250	EC 3
Excavation class 4.4	M. 1:250	EC 4
Excavation class 6.1	M. 1:250	EC 5
Excavation class 6.2	M. 1:250	EC 6
Excavation class 6.3	M. 1:250	EC 7
Excavation class 6.4	M. 1:250	EC 8
Excavation class 6.5	M. 1:250	EC 9



PROIECTANT / DESIGNER:



Approved	Team leader	Date	Signature
Approved	Ser de echipa	06/2013	C. Teodorescu
Checked	Expert Cheie	06/2013	M. Diegmann
Approved	Adjunct Ser de echipa	06/2013	J. Werling
Designed	Inginer	06/2013	D. Ciotamel

"Reabilitarea liniei c.f. Frontiera - Simeria, parte componenta a coridorului IV Pan - European pentru viteza maxima de 160 km/h"
"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"
Section 2 : km 614-Gurasada

Denumire desen / Drawing name:
PLAN DE SITUATIE
LAYOUT PLAN - TUNNEL TU 3
km 559+951 - km 560+600

Scara / Scale
1:1000

Cod desen / Drawing Code
TU 3.1

Nr / No
TU 3