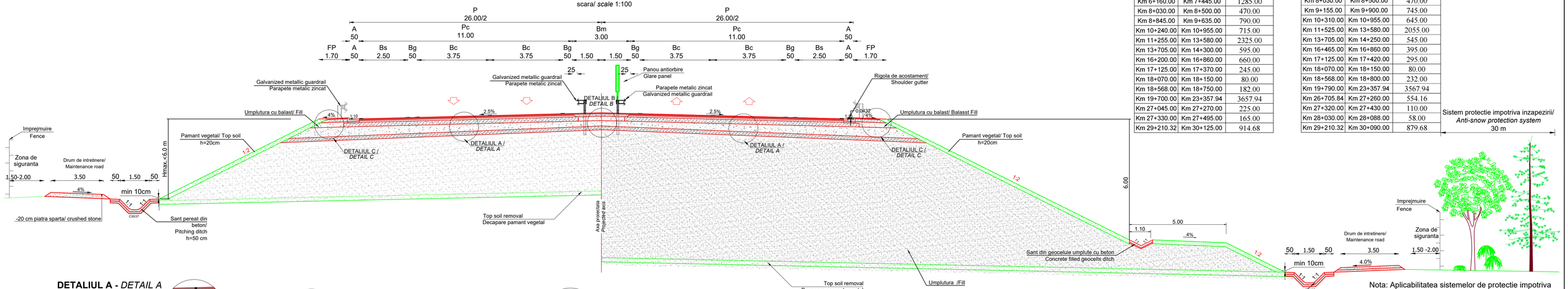
## APLICABILITATE PROFIL TRANSVERSAL TIP 1
*TYPICAL CROSS SECTION NO.1 APLICABILITY*
*STANGA / LEFT*

| Km. inceput Start km. | Km. sfarsit End km. | Lungime (m) Length (m) |
|---|---|---|
| Km 2+600.00 | Km 2+670.00 | 70.00 |
| Km 3+900.00 | Km 4+451.00 | 551.00 |
| Km 4+510.00 | Km 4+780.00 | 270.00 |
| Km 5+315.00 | Km 5+570.00 | 255.00 |
| Km 5+630.00 | Km 5+840.00 | 210.00 |
| Km 6+160.00 | Km 7+445.00 | 1285.00 |
| Km 8+030.00 | Km 8+500.00 | 470.00 |
| Km 8+845.00 | Km 9+635.00 | 790.00 |
| Km 10+240.00 | Km 10+955.00 | 715.00 |
| Km 11+255.00 | Km 13+580.00 | 2325.00 |
| Km 13+705.00 | Km 14+300.00 | 595.00 |
| Km 16+200.00 | Km 16+860.00 | 660.00 |
| Km 17+125.00 | Km 17+370.00 | 245.00 |
| Km 18+070.00 | Km 18+150.00 | 80.00 |
| Km 18+568.00 | Km 18+750.00 | 182.00 |
| Km 19+700.00 | Km 23+357.94 | 3657.94 |
| Km 27+045.00 | Km 27+270.00 | 225.00 |
| Km 27+330.00 | Km 27+495.00 | 165.00 |
| Km 29+210.32 | Km 30+125.00 | 914.68 |

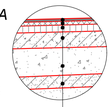
## APLICABILITATE PROFIL TRANSVERSAL TIP 1
*TYPICAL CROSS SECTION NO.1 APLICABILITY*
*DREAPTA / RIGHT*

| Km. inceput Start km. | Km. sfarsit End km. | Lungime (m) Length (m) |
|---|---|---|
| Km 2+600.00 | Km 2+670.00 | 70.00 |
| Km 3+930.00 | Km 4+451.00 | 521.00 |
| Km 4+510.00 | Km 4+570.00 | 60.00 |
| Km 4+845.00 | Km 5+570.00 | 725.00 |
| Km 6+030.00 | Km 7+720.00 | 1690.00 |
| Km 8+030.00 | Km 8+500.00 | 470.00 |
| Km 9+155.00 | Km 9+900.00 | 745.00 |
| Km 10+310.00 | Km 10+955.00 | 645.00 |
| Km 11+525.00 | Km 13+580.00 | 2055.00 |
| Km 13+705.00 | Km 14+250.00 | 545.00 |
| Km 16+465.00 | Km 16+860.00 | 395.00 |
| Km 17+125.00 | Km 17+420.00 | 295.00 |
| Km 18+070.00 | Km 18+150.00 | 80.00 |
| Km 18+568.00 | Km 18+800.00 | 232.00 |
| Km 19+790.00 | Km 23+357.94 | 3567.94 |
| Km 26+705.84 | Km 27+260.00 | 554.16 |
| Km 27+320.00 | Km 27+430.00 | 110.00 |
| Km 28+030.00 | Km 28+088.00 | 58.00 |
| Km 29+210.32 | Km 30+090.00 | 879.68 |

# PROFIL TRANSVERSAL TIP nr.1
*TYPICAL CROSS SECTION nr.1*
scara/ *scale* 1:100



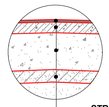

## DETALIUL A - *DETAIL A*
scara/ *scale* 1:50



**STRUCTURA RUTIERA AUTOSTRADA**
*MOTORWAY PAVEMENT STRUCTURE*

- 4 cm mixtura asfaltica MAS 16 rul PMB 45/80
*4 cm asphalt mixture wearing course MAS 16 PMB 45/80*
- 6 cm beton asfaltic BAD 22.4 leg PMB 45/80
*6 cm asphalt binder course BAD 22.4 PMB 45/80*
- 8 cm mixtura asfaltica AB 31.5 baza 50/70
*8 cm asphalt base course AB 31.5 50/70*
- 22 cm agregate naturale stabilizat cu lianti hidraulici
*22 cm natural aggregate stabilized with hydraulics binders*
- 28 cm balast in strat inferior de fundatie
*28 cm ballast*
- 20 cm strat de forma din pamant stabilizat cu lianti hidraulici
*20 cm capping layer stabilized soil with hydraulic binders*

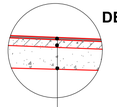
## DETALIUL B - *DETAIL B*
scara/ *scale* 1:50



**STRUCTURA RUTIERA ZONA MEDIANA**
*MOTORWAY PAVEMENT STRUCTURE MEDIAN LANE*

- 4 cm mixtura asfaltica MAS 16 rul PMB 45/80
*4 cm asphalt mixture wearing course MAS 16 PMB 45/80*
- 14 cm agregate naturale stabilizat cu lianti hidraulici
*14 cm natural aggregate stabilized with hydraulics binders*
- min.50 cm umplutura din balast
*min.50cm Ballast Fill*
- 20 cm strat de forma din pamant stabilizat cu lianti hidraulici
*20 cm capping layer stabilized soil with hydraulic binders*

## DETALIUL C - *DETAIL C*
scara/ *scale* 1:50



**STRUCTURA RUTIERA ZONA FASIE PARAPET**
*PAVEMENT STRUCTURE GUARDRAIL STRIP*

- 4 cm mixtura asfaltica BA 16 uzura 50/70
*4 cm asphalt mixture wearing course BA 16 50/70*
- 14 cm agregate naturale stabilizat cu lianti hidraulici
*14 cm natural aggregate stabilized with hydraulics binders*
- min.30cm umplutura din balast
*min.30cm Ballast Fill*

Sistem protectie impotriva inzapezirii/ *Anti-snow protection system*
30 m




Nota: Aplicabilitatea sistemelor de protectie impotriva inzapezirii este in concordanta cu planul de situatie
*Note: The applicability of anti-snow protection system is in accordance with the layout plan*

**PROIECTANT** / *DESIGNER:*
S.C. CONSITRANS S.R.L.

**BENEFICIAR** / *BENEFICIARY:*
MINISTERUL TRANSPORTURILOR/ *MINISTRY OF TRANSPORT*
COMPANIA NAȚIONALĂ DE ADMINISTRARE A INFRASTRUCTURII RUTIERE/ *NATIONAL COMPANY FOR ROAD INFRASTRUCTURE ADMINISTRATION*

**INVESTITIA** / *INVESTMENT:*
**ELABORARE STUDIU DE FEZABILITATE , ELABORARE PROIECT TEHNIC SI DTAC PENTRU OBIECTIVUL "ALTERNATIVA TECHIRGHIOL"**
*ELABORATION OF FEASIBILITY STUDY, ELABORATION TECHNICAL PROJECT AND DTAC FOR "TECHIRGHIOL ALTERNATIVE"*

FAZA PROIECTARE / *DESIGN STAGE:*
**STUDIU DE FEZABILITATE** / *FEASIBILITY STUDY*

**Contract** /*Contract:* 145/53773/26.07.2019
**Proiect** /*Project no.:* 11/2019
**Data** / *Date:* 11.2023
**Scara** /*Scale:* 1:100

UNIUNEA EUROPEANĂ
Instrumente Structurale 2014-2020
PROIECT CO-FINANȚAT DIN FONDUL DE COEZIUNE, PRIN PROGRAMUL OPERATIONAL INFRASTRUCTURA MARE / *PROJECT CO-FINANCED FROM THE COHESION FUND,THROUGH THE LARGE INFRASTRUCTURE OPERATIONAL PROGRAM*

| FUNCTIA / *POSITION:* | NUME / *NAME:* | SEMNATURA / *SIGNATURE:* |
|---|---|---|
| COORDONATOR DE PROIECT/ *PROJECT MANAGER* | ing. B.PAUNESCU | |
| SEF PROIECT SPECIALITATE / *TEAM LEADER* | ing. N. GISCA | |
| PROIECTAT / *DESIGNER:* | ing. S. MATEI | |
| VERIFICAT / *INTERNAL CHECKER:* | ing. C. BENUCIU | |

**Titlu plansa** / *Drawing title:*
**PROFIL TRANSVERSAL TIP 1**
*TYPICAL CROSS SECTION nr.1*

**LUCRARI DE DRUM** / *ROAD WORKS*

**Cod plansa** / *Drawing code:*
CST-1119-SF-0-AUT-01-PA-00001-R04

| REV/ *REV.* | DATA/ *DATE:* | DETALII REVIZIE / *REVISION DETAILS:* | PROIECTAT / *DESIGNER:* |
|---|---|---|---|
| R00 | 04/2023 | Studiu de Fezabilitate | ing. S. MATEI |
| R01 | 06/2023 | Revizuire | ing. S. MATEI |
| R02 | 08/2023 | Revizuire | ing. S. MATEI |
| R03 | 10/2023 | Revizuire | ing. S. MATEI |
| R04 | 11/2023 | Revizuire | ing. S. MATEI |