
Sistem protectie impotriva inzapezirii/
Anti-snow protection system
30 m
Imprejmuire
Fence
ZONA DE SIGURANTA/
SAFETY ZONE 3-5m
Drum de intretinere/
Maintenance road
3.50m
50
1.50
50
5.0m
4.0%
-20 cm piatra sparta/ crushed stone
Sant pereat din beton/
Pitching ditch
h=50 cm
Top soil removal
Decapare pamant vegetal
max 6.0m
Pamant vegetal/ Top soil
h=20cm
1:2
PROFIL TRANSVERSAL TIP nr.2
TYPICAL CROSS SECTION nr.2
scara/ scale 1:100
P
26.00/2
A
50
Pc
11.00
Bm
3.00
FP
1.70
Bs
2.50
Bg
50
Bc
3.75
1.50
25
Glare panel
Panou antiorbire
Parapete metalic zircat
Galvanized metallic guardrail
Parapete metalic zircat
Galvanized metallic guardrail
1.00
-2.0%
-2.5%
-4.0%
DETALIUL B /
DETAIL B
DETALIUL A /
DETAIL A
DETALIUL C /
DETAIL C
Axa proiectata /
Projected axis
0.5
Sant pereat din beton/
Pitching ditch
h=50 cm
Dren longitudinal
Longitudinal drain
Legend/ Legenda:
P = Platform / Platforma
Pc = Carriageway / Parte carosabila
Bm = Median zone / Zona mediana
A = Shoulder / Acostament
Bm Berm / Berma
Bc = Traffic lane / Banda de circulatie
Bg= Guidance strip / Banda de ghidare
Bse= Emergency lane / Banda de stationare de urgenta
Fp = Guardrail stripe / Fasie parapete
Nota: Aplicabilitatea sistemelor de protectie impotriva inzapeziriii este in concordanta cu planul de situatie
Note: The applicability of anti-snow protection system is in accordance with the layout plan
APLICABILITATE PROFIL TRANSVERSAL TIP 2
TYPICAL CROSS SECTION NO.2 APLICABILITY
STANGA / LEFT
Km. inceput
Start km.
Km. sfarsit
End km.
Lungime (m)
Length (m)
Km 2+992.00
Km 3+900.00
908.00
Km 14+300.00
Km 14+815.00
515.00
Km 15+560.00
Km 15+985.00
425.00
Km 18+750.00
Km 19+291.47
541.47
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
Imprejmuire
Fence
ZONA DE SIGURANTA /
SAFETY ZONE
5.00m
Drum de intretinere/
Maintenance road
3.50m
4.0%
-20 cm piatra sparta/ crushed stone
Sant pereat din beton/
Pitching ditch
h=50 cm
B
5.00
-4.0%
Sant din geocelule umplute cu beton
Concrete filled geocells ditch
APLICABILITATE PROFIL TRANSVERSAL TIP 2
TYPICAL CROSS SECTION NO.2 APLICABILITY
DREAPTA / RIGHT
Km. inceput
Start km.
Km. sfarsit
End km.
Lungime (m)
Length (m)
Km 2+992.00
Km 3+930.00
938.00
Km 14+250.00
Km 15+165.00
915.00
Km 15+560.00
Km 15+855.00
295.00
Km 18+800.00
Km 19+291.47
491.47
Nota: Aplicabilitatea amenajarii peisagistice este in concordanta cu planul de situatie
Note: The applicability of landscaping is in accordance with the layout plan
DETALIU AMENAJARE PEISCAGISTICA
LANDSCAPING DETAIL
scara / scale 1:100
Bs
2.50
Bg
50
A
50
FP
1.70
Rigola de acostament
Shoulder gutter
-2.5%
-4.0%
Parapete metalic zincat
Galvanized metallic guardrail
Umplutura cu balast/ Fill
Pamant vegetal/Top soil
h=20 cm
DETALIUL C /
DETAIL C
Decapare pamant vegetal h=0.40 m
Top soil remover h=0.40 m
Sant pereat din beton/
Pitching ditch
h=50 cm
Drum de intretinere
Maintenance road
3.50
4%
20cm piatra sparta
20cm crushed stone
Imprejmuire/ Fence
h=1.80m
Amenajare peisagistica
Landscaping
Zona de siguranta
Road safety zone
4.00
1.50 -2.00
PROIECTANT / DESIGNER:
S.C. CONSITRANS S.R.L.
BENEFICIAR / BENEFICIARY:
MINISTERUL TRANSPORTURILOR/ MINISTRY OF TRANSPORT
COMPANIA NATIONALA 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 TECHNRGHIOL"
ELABORATION OF FEASIBILITY STUDY, ELABORATION TECHNICAL PROJECT AND DTAC FOR "TECHNRGHIOL ALTERNATIVE"
FAZA PROIECTARE / DESIGN STAGE:
STUDIU DE FEZABILITATE / FEASIBILITY STUDY
Contract /Contract: 145/37726-07.2019
Proiect /Project no.: 11/2023
Data / Date: 11.2023
Scara /Scale: 1:100
UNIUNEA EUROPEANA
PROIECT CO-FINANTAT DIN FONDUL DE COEZIUNE, PRIN PROGRAMUL OPERATIONAL INFRASTRUCTURA MARE /
PROJECT CO-FINANCED FROM THE COHESION FUND THROUGH THE LARGE INFRASTRUCTURE OPERATIONAL PROGRAM
Instrumentul Structurile 2014-2020
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 2
TYPICAL CROSS SECTION nr.2
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
LUCRARI DE DRUM / ROAD WORKS
Cod plansa / Drawing code:
CST-1119-SF-0-AUT-01-PA-00002-R04