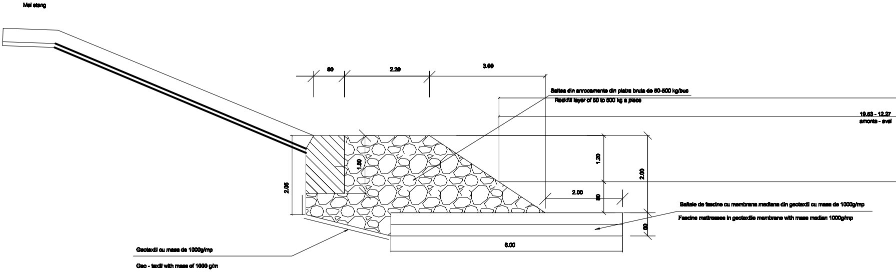
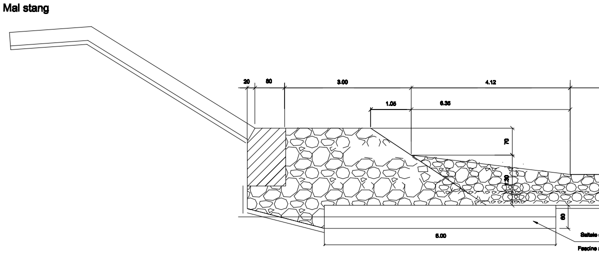
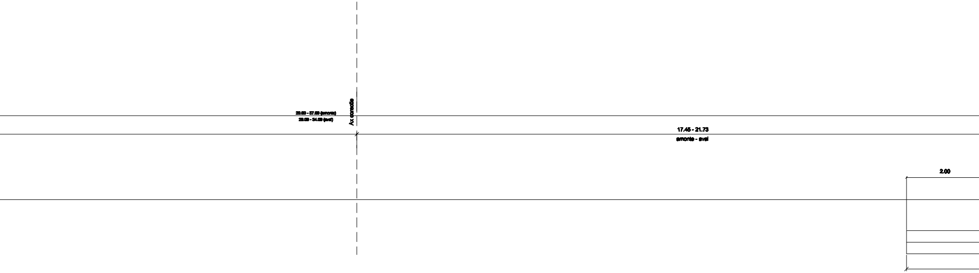

Mal stang
80
2.20
3.00
Saltea din anrocamente din piatra bruta de 50-500 kg/buc
Rockfill layer of 50 to 500 kg a piece
19.53 - 12.27
amonte - aval
1.50
2.05
1.20
2.00
2.00
80
60
6.00
Saltele de fascine cu membrana mediana din geotexdil cu masa de 1000g/mp
Fascine mattresses in geotextile membrane with mass median 1000g/mp
Geotexdil cu masa de 1000g/mp
Geo - texdil with mass of 1000 g/m


Mal stang
20
80
3.00
4.12
1.05
6.35
70
1.30
60
6.00
Saltele
Fascine

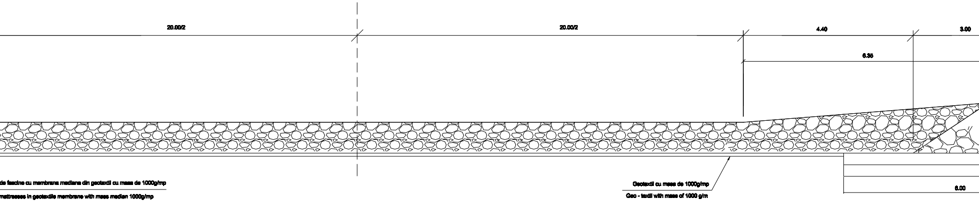
PROFIL TIP CORECTIE ALBIE AMONTE SI AVAL AX FIR I POD CF EXISTENT
PROFILE TYPE WHITE CORRECTION AX UPSTREAM AND DOWNSTREAM EXISTING WIRELESS I

Scara/scale 1:50

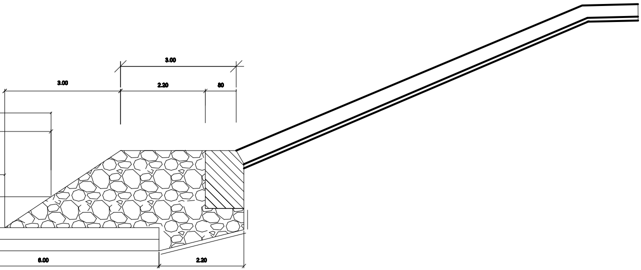

20.00 - 37.00 (amonte)
29.00 - 34.00 (aval)
Ax corectie
17.45 - 21.73
amonte - aval
2.00

PROFIL TIP SUB POD APLICABIL LA 20.00 m AMONTE SI 30.00 m AVAL DE AX FIR I CF
TYPE PROFILE UNDER APPLICABLE TO POD 30.00 m 20.00 m UPSTREAM AND DOWNSTREAM OF AX WIRELESS I

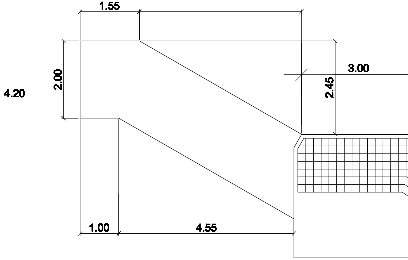
Scara/scale 1:50


20.00/2
20.00/2
4.40
3.00
6.35
de fascine cu membrana mediana din geotexil cu masa de 1000g/mp
mattresses in geotextile membrane with mass median 1000g/mp
Geotextil cu masa de 1000g/mp
Geo - textil with mass of 1000 g/m
6.00

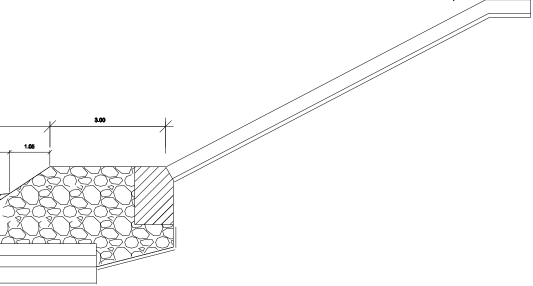
Mal drept


3.00
3.00
2.20
80
6.00
2.20

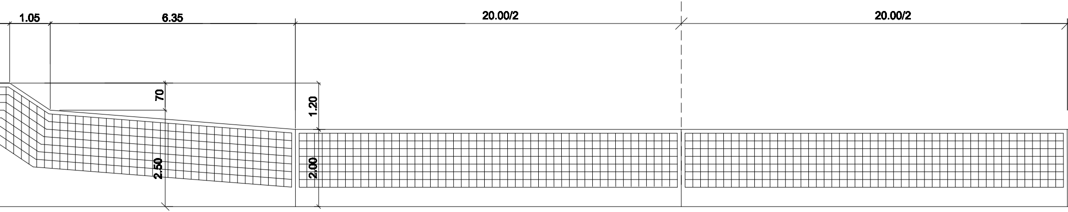
Mal stang

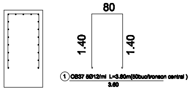

1.55
2.00
4.20
3.00
2.45
1.00
4.55

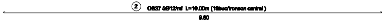
Mal drept



PROFIL TIP PINTEN PRAG PROTECTIE FUND ALBIE
PRAG PROTECTION FUND PROFILE TYPE WHITE SPURS
Scara/scale 1:50

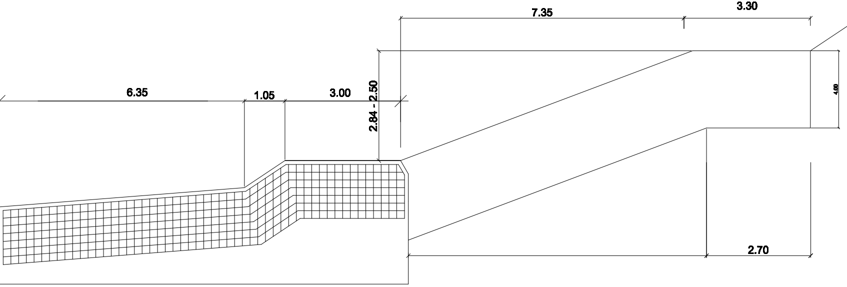

1.05
6.35
20.00/2
20.00/2
70
1.20
2.50
2.00


80
1.40
1.40
① OB37 5Ø12/ml L=3.80m(50buc/tronson central)
3.60


② OB37 5Ø12/ml L=10.00m (19buc/tronson central)
9.80

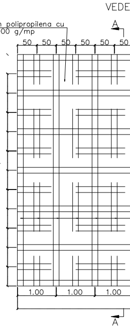
EXTRAS DE ARMATURA
pentru un pinten prag de fund
SUMMARY REINFORCING BARS
for a spur bottom threshold

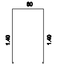
Marca	Ø	Nr.buc. asam.	Lungime unitara (m)	Lungime totala (m)
1	12	206	3.80	782.80
2	12	36	10.00	360.00
3	12	38	10.85	412.30
Total lungime/tronson(m)				1575.10
Greutate unitara (kg/m)				0,888
Greutate totala (kg) (rot.)				1400.00


7.35
3.30
6.35
1.05
3.00
2.84 - 2.50
4.00
2.70

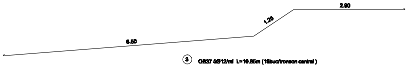
Mal drept

Geotextil din polipropilena cu masa de 1000 g/mp


VEDE
A
50
50
50
50
50
50
B
1.00
1.00
1.00
A

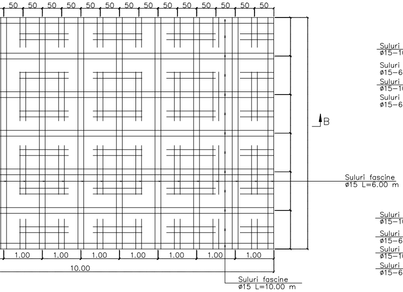


① OB37 5Ø12/ml L=3.80m(53 buc/tronson marginal)
3.80



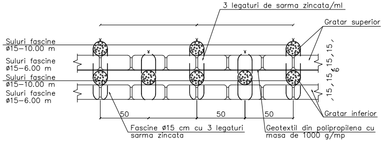
③ OB37 5Ø12/ml L=10.85m (19buc/tronson central)
10.65

RE IN PLAN SALTEA DIN FASCINE
Scara 1:50

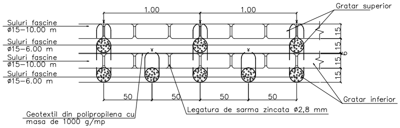

50
50
50
50
50
50
50
50
50
50
50
50
50
50
B
Suluri fascine
ø15 L=6.00 m
1.00
1.00
1.00
1.00
1.00
1.00
1.00
10.00
Suluri fascine
ø15 L=10.00 m

DETALII SALETELE DIN CAROIAJ DE FASCINE
Scara 1:20

SECTIUNE A–A


3 legaturi de sarma zincata/ml
Gratar superior
Suluri fascine
ø15–10.00 m
Suluri fascine
ø15–6.00 m
Suluri fascine
ø15–10.00 m
Suluri fascine
ø15–6.00 m
15, 15, 15, 6, 15, 15, 15
50
50
50
Gratar inferior
Fascine ø15 cm cu 3 legaturi
sarma zincata
Geotextil din polipropilena cu
masa de 1000 g/mp

SECTIUNE B–B


1.00
1.00
Gratar superior
Suluri fascine
ø15–10.00 m
Suluri fascine
ø15–6.00 m
Suluri fascine
ø15–10.00 m
Suluri fascine
ø15–6.00 m
15
15
6
15
15
50
50
50
50
Gratar inferior
Geotextil din polipropilena cu
masa de 1000 g/mp
Legatura de sarma zincata ø2,8 mm

LEGENDA BETOANE:
CONCRETE LEGEND:

▧ - beton de fundatie clasa C20/25 - (pinten pereu taluz).
- foundation concrete class C20/25. - (slope pitching spur)
C20/25 - T3 - P8 - CEM II/A - S 32.5 R - A/C = 0.45 - 0/31

▨ - beton monolit clasa C25/30 -(reparatii pereu)
- monolith concrete class C25/30 - (repair pitching)
C25/30 - T4 - P12 - CEM II/A - S 32.5 R - A/C = 0.40 - 0/16

D					
C					
B					
A	12.2011	Revizia 1	Dobreanu Catalin		
Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT			Data Date	Semnături Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Cheie Checking Expert	V.Kallidromitis		VK

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	**Responsabil Subconsultant** **Subconsultant Responsible**	A. Dinulescu Stanciu	11.2011	
Întocmit **Elaborated**	Proiectant Designer	C. Dobreanu	11.2011	

Reabilitarea liniei **de cale ferata** Braşov – Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Braşov - Sighişoara
Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Braşov - Sighişoara

Proiect/Project
2004/RO/16/P/PA/003

Faza / Phase:
P.Th. / T.D.

Denumire desen / Drawing Title :

STATIA SIGHISOARA / SIGHISOARA STATION
PROTECTIE POD C.F. KM. 281+066.156
SECTIUNI TIP - DETALII DE EXECUTIE
281+066.156 KM RAILWAY BRIDGE PROTECTION
SECTIONS TYPE - EXECUTION DETAILS

Codificare / Codification System	Scara / Scale 1:50 1:20	**LOT / LOT**	Nr. / No 01 / 01

EA51 01 E 21 WA AP 02 3 3 004 1

420x3326