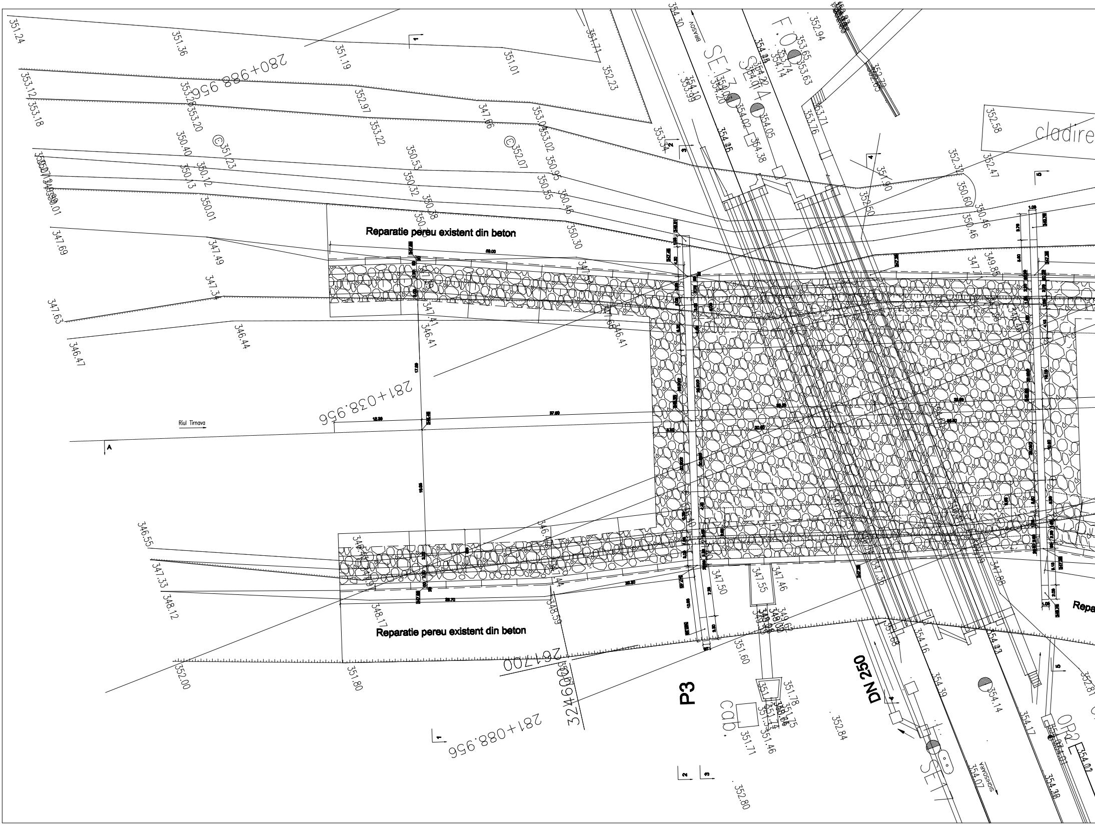
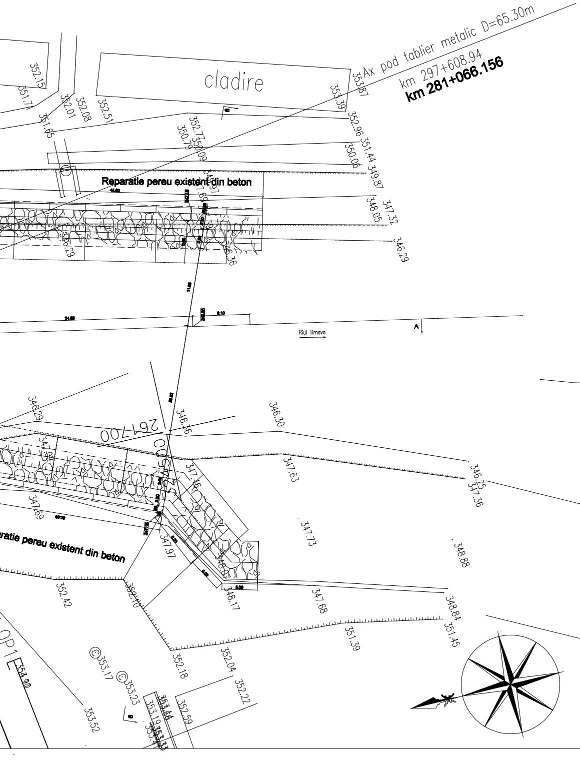
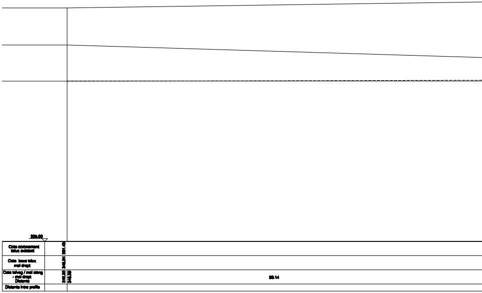
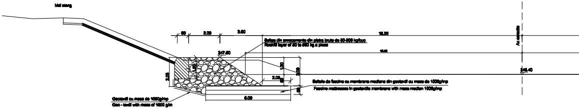

Reparatie pereu existent din beton
Reparatie pereu existent din beton
Repa
Riul Tirnava
A
P3
DN 250
cladire
cab.
280+988.956
281+038.956
281+088.956
261700
324600
BRASOV
SIGHISOARA
F.O.
SE13
SE14
SE17
OP2
1
2
3
4
5
351.24
351.36
351.19
351.01
351.71
352.23
353.12
353.18
353.28
353.20
352.97
353.22
347.66
353.02
353.34
350.40
351.23
350.53
352.07
350.95
350.12
350.13
350.01
350.32
350.55
350.46
350.38
350.30
347.69
347.49
347.34
347.63
346.44
346.47
347.41
346.41
346.55
347.33
348.12
348.17
348.59
352.00
351.80
347.50
347.55
347.46
351.60
351.78
351.75
351.71
351.46
352.84
352.80
354.30
354.19
353.99
354.20
354.02
354.05
354.38
354.26
353.65
353.63
353.74
354.14
352.94
353.71
353.76
352.50
352.31
352.47
352.58
350.60
350.46
349.85
347.88
354.16
354.39
354.22
354.14
354.17
354.07
354.38
352.81

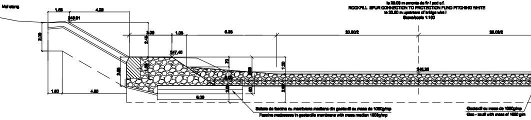

Ax pod tablier metalic D=65.30m
km 297+608.94
km 281+066.156
cladire
Reparatie pereu existent din beton
Riul Tirnava
A
261700
ratie pereu existent din beton
OP1
352.15
351.71
352.01
352.08
352.51
351.65
352.77
350.79
350.09
353.87
353.39
352.96
351.44
349.87
350.06
348.05
347.32
346.29
346.36
346.29
346.36
346.30
347.63
346.25
347.36
347.46
347.69
347.73
347.97
348.88
348.17
347.68
348.84
351.45
351.39
352.42
352.10
352.18
352.04
352.22
352.59
353.17
353.23
353.52
353.19


339.00
Cote coronament taluz existent
Cote baza taluz mal drept
Cote talveg / mal stang - mal drept Distanta
Distanta intre profile
351.45
346.54
346.35
346.39
39.14

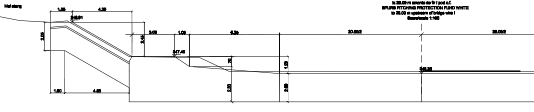
PROFIL/CROSS SECTION 1-1
CALIBRARE ALBIE AMONTE POD C.F.
la 97.60 m amonte de fir I pod c.f.
CALIBRATION WHITE BRIDGE UPSTREAM C.F.
to 97.60 m upstream of bridge wire I
Scara/scale 1:100


Mal stang
60
2.20
3.60
18.30
Saltea din anrocamente din piatra bruta de 80-800 kg/buc
Rockfill layer of 80 to 800 kg a piece
347.60
1.50
2.05
2.05
2.08
6.09
346.40
Ax calibrare
Saltele de fascine cu membrana mediana din geotextil cu masa de 1000g/mp
Fascine mattresses in geotextile membrane with mass median 1000g/mp
Geotextil cu masa de 1000g/mp
Geo - textil with mass of 1000 g/m

PROFIL/CROSS SECTION 2-2
RACORDARE PINTEN ANROCAMENTE LA PINTEN PEREU PROTECTIE FUND ALBIE
la 20.00 m amonte de fir I pod c.f.
ROCKFILL SPUR CONNECTION TO PROTECTION FUND PITCHING WHITE
to 20.00 m upstream of bridge wire I
Scara/scale 1:100

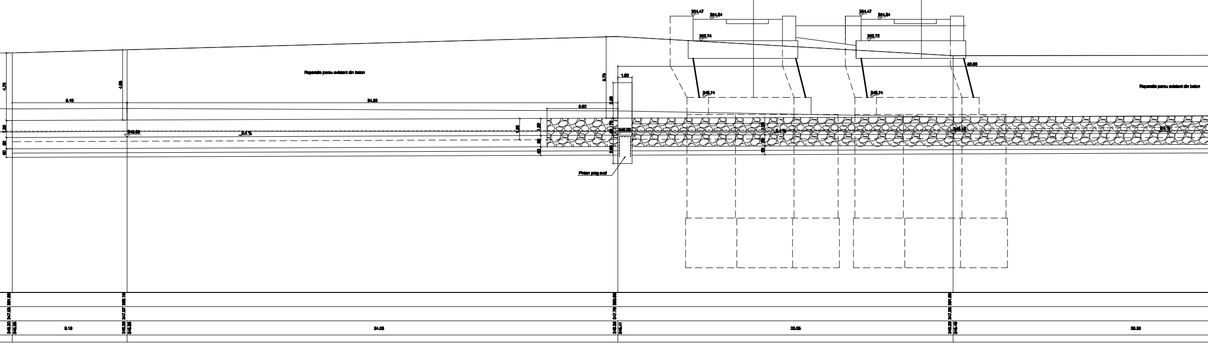

Mal stang
1.05
4.20
348.91
2.00
3.00
1.05
6.30
20.00/2
20.00/2
347.46
346.26
1.60
4.85
6.09
Saltele de fascine cu membrana mediana din geotextil cu masa de 1000g/mp
Fascine mattresses in geotextile membrane with mass median 1000g/mp
Geotextil cu masa de 1000g/mp
Geo - textil with mass of 1000 g/m

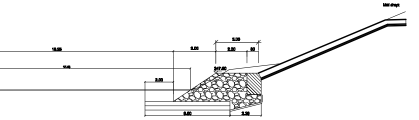
PROFIL/CROSS SECTION 3-3
PINTEN PEREU PROTECTIE FUND ALBIE
la 20.00 m amonte de fir I pod c.f.
SPURS PITCHING PROTECTION FUND WHITE
to 20.00 m upstream of bridge wire I
Scara/scale 1:100

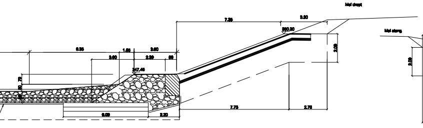

Mal stang
1.05
4.20
348.91
2.00
3.00
1.05
6.30
20.00/2
20.00/2
347.46
346.26
2.50
1.60
4.85

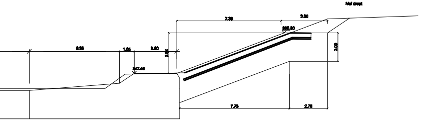
SECTIUNE LONGITUDINALA A-A VEDERE MAL DREPT CULEE SIGHISOARA
A-A LONGITUDINAL SECTION VIEW RIGHT BANK ABUTMENT SIGHISOARA

Scara/scale 1:100

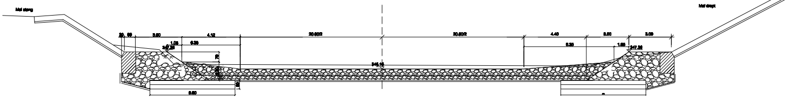

364.47
364.34
362.74
362.72
348.74
Reparatie pereu existent din beton
Pinten prag aval
6.19
34.63
5.60
1.60
0.4 %
23.65
Reparatie pereu existent din beton


Mal drept
347.60
6.60
2.20

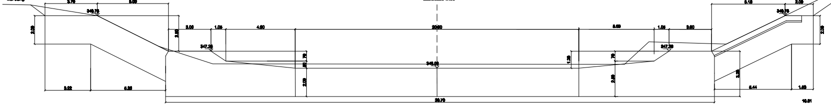

Mal drept
7.35
3.30
350.30
347.46
7.75
2.75


Mal drept
7.35
3.30
350.30
347.46
7.75
2.75

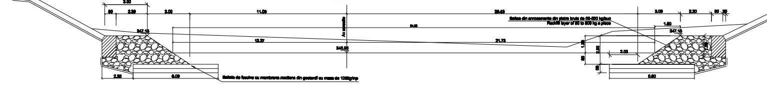
PROFIL/CROSS SECTION 4-4
PEREU PROTECTIE FUND ALBIE
la 6.35 m in aval de fir I pod c.f.
6.35 m downstream from the bridge wire I
Scara/scale 1:100

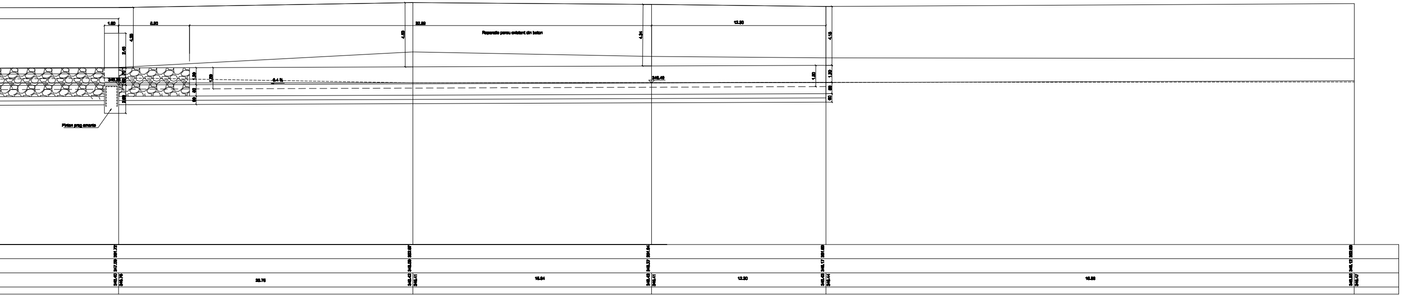

Mal stang
Mal drept
20.60/2
20.60/2
6.60

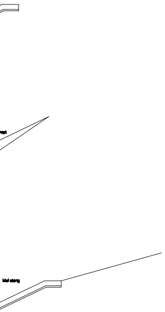
PROFIL/CROSS SECTION 5-5
PINTEN PEREU PROTECTIE FUND ALBIE
la 30.60 m aval de fir I pod c.f.
SPURS PITCHING PROTECTION FUND WHITE
to 30.60 m upstream of bridge wire I
Scara/scale 1:100


Mal stang
Mal drept
20.60
39.70

PROFIL/CROSS SECTION 6-6
CALIBRARE ALBIE AVAL POD C.F.
la 64.63 m aval de fir I pod c.f.
CALIBRATION WHITE BRIDGE DOWNSTREAM
to 64.63 m downstream of bridge wire I
Scara/scale 1:100


Mal drept
Ax canal
11.09
39.63
12.27
21.73
347.13
2.00
6.60
Saltea din anrocamente din piatra bruta de 50-500 kg/buc
Rockfill layer of 50 to 500 kg a piece
Saltea de fascine cu membrana mediana din geotextil cu masa de 1000g/mp


1.60
6.60
32.89
12.30
4.56
2.45
4.59
4.34
4.16
Reparatie pereu existent din beton
346.38
0.4 %
346.49
1.20
1.30
80
60
Pinten prag amonte
351.72
347.59
346.40
346.76
28.76
352.67
348.59
346.42
346.41
16.84
351.94
348.27
346.43
346.41
12.30
351.69
348.17
346.43
346.44
16.88
352.69
348.12
346.55
346.47


rept
Mal stang

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

CFR

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

CLIENT / CLIENT

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

			Data Date	Semnătură Signature
Aprobat Approved	Șef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Cheie Checking Expert	V.Kallidromitis		

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 Brașov – Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Brasov - Sighisoara
Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Brasov - Sighisoara

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+668.150
DETALII DE EXECUTIE
281+668.150 KM RAILWAY BRIDGE PROTECTION
DETAILS FOR EXECUTION

Codificare / Codification System

Scara / Scale
1:200 1:100

LOT / LOT

Nr. / No
01 / 01

EA51 01 E 21 BA AP 02 3 3 003 1

594x3439