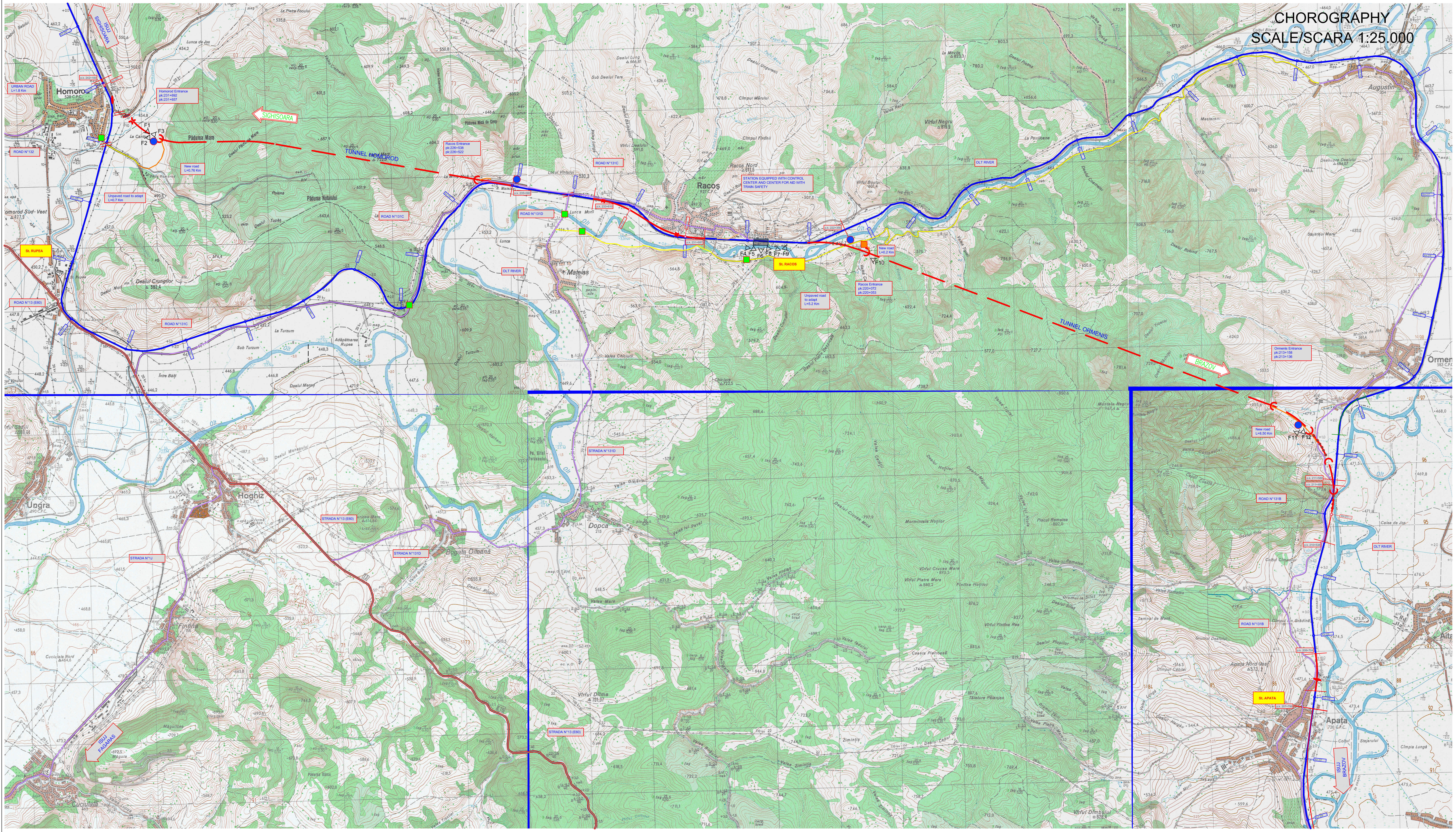
CHOROGRAPHY
SCALE/SCARA 1:25.000



GENERAL PLAN
PLANUL GENERAL

LEGEND/LEGENDA

- NEW ROAD/ DRUM NOI
- UNPAVED ROAD TO ADAPT/DRUMULUI NEASFALTATE ADAPTA
- PAVED ROAD/DRUM PAVAT
- URBAN ROAD/DRUM URBANA
- MAIN ROAD (E60)
- RAIL CROSSING/FEROVIAR DE TRECERE
- BRIDGE/UNDERPASS TO BE ADAPT FOR EMERGENCY VEHICLES PASSAGE / PODUL/UNDERPASS SĂ FIE ADAPTAREA PENTRU TRECEREA DE VEHICULE DE URGENȚĂ
- NEW BRIDGE / NOUL POD
- HELICOPTER LANDING PAD / ELICOPTER DEBARCARE PAD
- PICTURE VIEW / VIZUALIZARE IMAGINE

SUMMARY OF ACCESSIBILITY SIDE TUNNEL HOMOROD
HOMOROD ENTRANCE
REZUMAT AL ACCESIBILITATE TUNEL HOMOROD ZONA INSPRE HOMOROD

1st HYPOTHESIS (~59.26 km distance from the detachment of Sighisoara ISUJ)
- ~0.76 km of new road
- ~0.7 km of unpaved road to adapt
- ~1.8 km of urban road
- ~3 km of SS132 until connection with E60
- ~53 km distance from the detachment of Sighisoara ISUJ

2nd HYPOTHESIS (Surgery by train from the rescue station Racos)
- ~11 km of railway

SUMMARY OF ACCESSIBILITY SIDE TUNNEL HOMOROD
RACOS ENTRANCE
REZUMAT AL ACCESIBILITATE TUNEL HOMOROD ZONA INSPRE RACOS

1st HYPOTHESIS (~65.5 km distance from the detachment of Sighisoara ISUJ)
- ~7.5 km of 131C road until connection with E60
- ~58 km distance from the detachment of Sighisoara ISUJ

2nd HYPOTHESIS (~50.5 km distance from the detachment of Fagaras ISUJ)
- ~8 km of 131C road
- ~3.5 km of E60 road
- ~39 km of 1J road

3rd HYPOTHESIS (~53.8 km distance from the detachment of Fagaras ISUJ)
- ~1.30 km of 131C road
- ~10 km of 131D road
- ~3.5 km of E60 road
- ~39 km of 1J road

4th HYPOTHESIS (Surgery by train from the rescue station Racos)
- ~5 km of railway

SUMMARY OF ACCESSIBILITY SIDE TUNNEL ORMENIS
RACOS ENTRANCE
REZUMAT AL ACCESIBILITATE TUNEL ORMENIS ZONA INSPRE RACOS

1st HYPOTHESIS (~56.6km distance from the detachment of Fagaras ISUJ)
- ~0.2 km of new road
- ~5.2 km of unpaved road to adapt
- ~9.7 km of 131D road
- ~2.5 km of E60 road
- ~39 km of 1J road

2nd HYPOTHESIS (~61.2 km distance from the detachment of Fagaras ISUJ)
- ~0.2 km of new road
- ~5.2 km of unpaved road to adapt
- ~6 km of 131D road
- ~8.8 km of 131C road
- ~2 km of E60 road
- ~39 km of 1J road

3rd HYPOTHESIS (Surgery by train from the rescue station Racos)
- ~2 km of railway

4th HYPOTHESIS (~75.4 km distance from the detachment of Sighisoara ISUJ)
- ~0.2 km of new road
- ~5.2 km of unpaved road to adapt
- ~6 km of 131D road
- ~8.8 km of 131C road
- ~58 km of E60 road

SUMMARY OF ACCESSIBILITY SIDE TUNNEL ORMENIS
ORMENIS ENTRANCE
REZUMAT AL ACCESIBILITATE TUNEL ORMENIS ZONA INSPRE ORMENIS

1st HYPOTHESIS (~48.5 km distance from the detachment of Brazov ISUJ)
- ~8.50 km of new road
- ~12 km of 131B road until connection with E60
- ~28 km of E60 road

2nd HYPOTHESIS (Surgery by train from the rescue station Racos)
- ~11 km of railway

F1

F2

F3

TUNNEL HOMOROD - HOMOROD ENTRANCE / TUNEL HOMOROD ZONA INSPRE HOMOROD

F10
TUNNEL ORMENIS - RACOS ENTRANCE / TUNEL ORMENIS ZONA INSPRE RACOS

F11

F12

TUNNEL ORMENIS - ORMENIS ENTRANCE / TUNEL ORMENIS ZONA INSPRE ORMENIS

F4

F5

F6

F7

F8

F9

RACOS STATION / GARĂ RACOS

D					
C					
B					
A					
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

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	Tunel Expert / Tunnel Expert	C. Gambelli		
Întocmit / Elaborated	Proiectant / Designer	C.Gambelli		

SUBCONSULTANT / SUBCONSULTANT

Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible	
Întocmit / Elaborated	Proiectant / Designer	

Reabilitarea liniei de cale ferata Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h. Secțiune 1 Brasov - Sighisoara

Rehabilitation of the railway line Brașov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h. Section 1 Brasov - Sighisoara

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

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

Denumire desen / Drawing Title :
SAFETY ANALYSIS/ANALIZA DE SIGURANȚĂ
GENERAL LAYOUT OF THE ACCESS ROADS TO THE TUNNEL
SCHEMA GENERALĂ A DRUMURILOR ACCES LA TUNELUL

Codificare / Codification System							Scara / Scale		LOT		Nr. / No
E A 5 1	0 1	C	1 0	T S	G N	0 1	0	0	0 0 3	0	