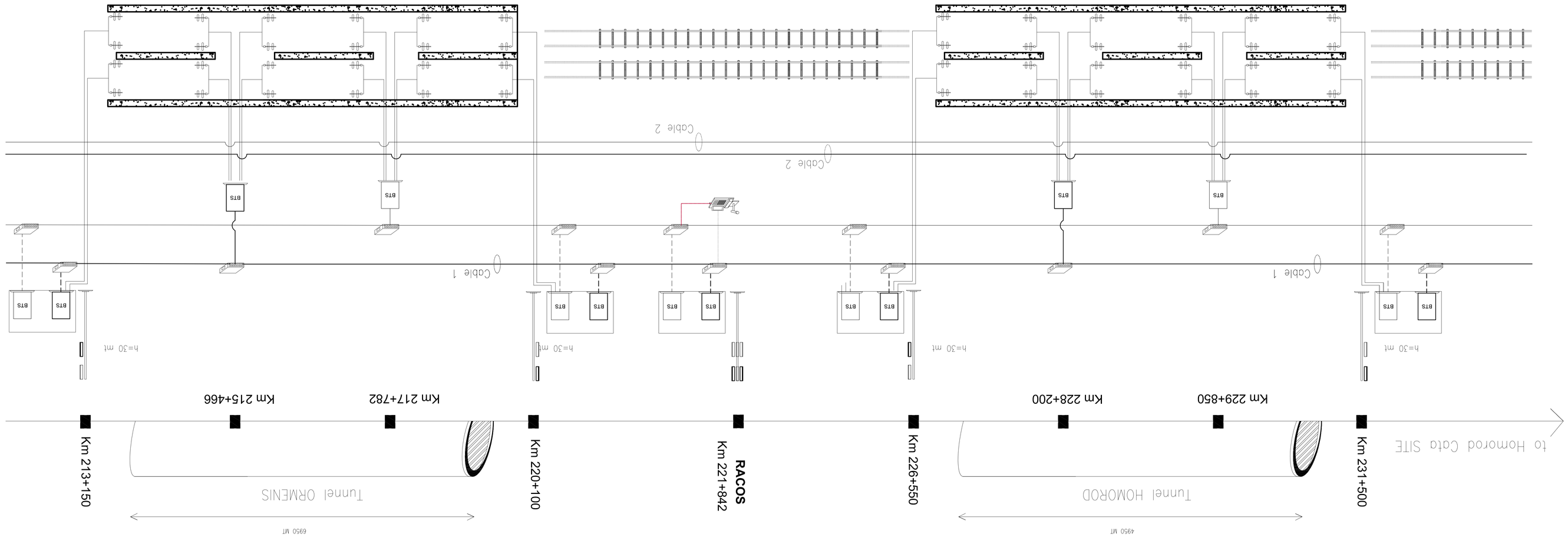

Index	Data	Modificare/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
D					
C					
B					
A					

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

Gruppo Ferrovie Dello Stato
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

			Data	Semnătura Signature
Aprobat Approved	Sef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Tunel Expert Tunnel Expert	C. Gambelli		
Aprobat Elaborated	Proiectant Designer	P. Arnodio		

SUBCONSULTANT / SUBCONSULTANT

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible			
Aprobat Elaborated	Proiectant Designer			

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

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

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

Denumire desen / Drawing Title : **TUNNEL/TUNELUL ORMENIS**
GENERAL DOCUMENT/DOCUMENTE GENERALE
Radiocommunication systems/Sisteme radio
Radio system GSM-R-Equipment available Online/Sistemul de radio GSM-R-Echipamente dispozitiv deconectat

Codificare / Codification System	Scara / Scale	LOT	Nr. / No
E A 5 1 0 1 C 1 0 L X T S 1 0 0 4 0 1 2 0			

LEGEND

Router	Terminal Controller Safety Telephone	AC Authentication Center	LAN Local Area Network
		BTS Base Transceiver Station	MSC Mobile Switching Center
		BSC Base Station Controller	SMS Short Message Service
		BTS Base Transceiver Station	VLR Visitor Location Register
		BSC Base Station Controller	TCO Transcoding Unit
		BTS Base Transceiver Station	TMS Transport Network Management System
Cable	Phased Array System	CC Cross Cell	VMS Visitor Web Service
		CCR Cross Cell Register	OMC-R Operation Maintenance Center-Radio
		HLR Home Location Register	OMC-S Operation Maintenance Center-Services
Cell Site Gateway	Panel Antenna	ISDN Integrated Services Digital Network	PLMN Public Land Mobile Network