

Rehabilitation of Brasov - Simeria railway line, component part of Part Pan - European Corridor IV for the train traffic at maximum speed of 160 Km/h

LOT 01: Braşov - Sighişoara

GENERAL TABLE

UNDER-CROSSINGS AND PARALLELISMS ON RAILWAY LINE BRAŞOV - SIGHISOARA SECTION

Km position		Track axis	Distance between electrification poles		Protection diameter mm	Diameter of wire pipe mm	Maximum working pressure KV	Depth of wire pipe from SUL	Owner	When the pipe was placed	Type of wire pipe	Remarks
in plan	existing		m	nr. → nr.								
BRAŞOV STATION												
169+655	169+655	track 1	3	55/8 → 56/5		ACHPBI	6 kv	1.3 - 1.4	SDEE BRAŞOV		LES Kv	
		track 2	9	42/5 → 40/5				1.3 - 1.4	C.M.MUN.BR.			
169+765	169+765	track 1	1	48/5 → 51/5	tube	3x120	6 kv	2	DIV.INST.BRAŞOV		ELF	
		track 2	1	48/5 → 51/5		ACHP		2	C.E. BRAŞOV			supply PT Bv. Călători
170+300	170+300	BRIDGE				BBC AÇYABY	2x110 kv PILOT		SDEE BRAŞOV C.M.MUN.BR.		LES Kv	under metallic bridge 13 Decembrie Street
170+318	170+318	BRIDGE				A2YSY	2x20 kv		SDEE BRAŞOV C.M.MUN.BR.		LES Kv	metallic bridge - 13 Decembrie Street under the bridge - under the sidewalk level
170+835	170+835	track 1	5	1/5 → 125/8	concrete tube	AÇYABY	0,4 kv	3,00	SDEE BRAŞOV		LES Kv	near Posada Street
		track 2	5	2/5 → 124/6	∅ O 200	A2YSY	20 kv	3,00	C.M.MUN.BR.			
BRAŞOV - STUPINI SECTION												
172+120	172+121	track 1	2	7/5 → 9/5	concrete tube	ACYABY	0,4 kv	2,50	SDEE BRAŞOV		LES Kv	
		track 2	2	8/5 → 10/5				2,50	C.M.MUN.BR.			
172+654	172+654	track 1	10-14	29/4 → 31/4	PVC	A2YSY	20 kv	3,50	SDEE BRAŞOV		LES Kv	cable strip of 4m
172+658	172+658	track 2	10-14	30/4 → 32/4	∅ O 110			2,50	C.M.MUN.BR.			level crossing - Independenței Street
STUPINI STATION												
		track 1				ACYABY		1,00				under-crossing - Stupini
		track 2				4 x 16		1,00	DIV.INST.BRAŞOV		ELF	supply for DRGMIA
		track 1				ACYABY		2,00	C.E. BRAŞOV			under-crossing - Stupini
		track 2				4 x 6		2,00				outdoor lighting supply
BOD STATION												

182+876	182+865	track 1	2	31/5 → 27/6		ACYABY	0,4 kv	1,80	SDEE BRAȘOV		LES Kv	Obliquely to the railway line
182+873	182+862	track 2	6	32/5 → 28/6		A2YSY	20 kv	1,80	P.E.FELDIOARA			parallel to the level crossing - Bod Station
183+050	183+050	track 1				ACYABY 4 x 6		1,00	DIV.INST.BRAȘOV C.E. BRAȘOV			outdoor supply - X End
		track 2				ACYABY 4 x 6		1,00				ELF

FELDIOARA STATION

		track 1				ACYABY		1,00	DIV.INST.BRAȘOV C.E. BRAȘOV			under-crossing - Feldioara
		track 2				4 x 4		1,00				ELF
		track 1				ACYABY		1,50				under-crossing - Feldioara
		track 2				4 x 4		1,50				outdoor supply -Y End

FELDIOARA - APAȚA SECTION

194+617	194+625	track 1				ACYABY		2,50	DIV.INST.BRAȘOV C.E. BRAȘOV			ELF	under-crossing - Rotbav Halt
		track 2				4 x 4		2,50				passage - outdoor supply for floor lamps	
198+025	198+023	track 1	25,50	195 → 197		ACYABY	0,4 kv	1,70	SDEE BRAȘOV		LES Kv	PT 7 - Vadu Roșu - Măieruș	
		track 2	25,50	196 → 198				1,70	P.E.FELDIOARA			parallel 10m from pedestrian passage	
201+700	201+700	track 1				ACYABY		2,50	DIV.INST.BRAȘOV C.E. BRAȘOV			ELF	under-crossing - Măieruș Halt
		track 2				4 x 4		2,50				outdoor supply for floor lamps	

APAȚA STATION

207+322	207+321	track 1	4,50	21 → 19		ACYABY	0,4 kv	1,10	SDEE BRAȘOV		LES Kv	PT 4 - Apața	
		track 2	4,50	20 → 18				1,10	P.E.FELDIOARA			parallel to the level crossing	
		track 1				ACYABY 4 x 4		> 2,00	DIV.INST.BRAȘOV C.E. BRAȘOV			outdoor supply - X End	
		track 2				ACYABY 4 x 4		> 2,00				outdoor supply -Y End	
		track 1				ACYABY 4 x 4		1,00				supply PT 20 / 0,4 kv	
		track 2				ACYABY 4 x 4		1,00				ELF	outdoor supply - X End
						ACYABY 4 x 4						outdoor supply -Y End	
						ACYABY 4 x 4						outdoor supply - X End	
				ACYABY 4 x 10			supply of houses						

APAȚA - ORMENIȘ SECTION

213+845	213+856	track 1	1	217 → 215		ACYABY	0,4 kv	> 2,50	SDEE BRAȘOV		LES Kv	PT 1 - Ormeniș Halt
		track 2	1	218 → 216				> 2,50	P.E.FELDIOARA			parallel 14m from the level crossing

RACOȘ STATION

	230+100	railway line				ACyABy			DIV.INST.BRAȘOV C.E. SIGHIȘOARA			ELF	parallel to L 1
	230+600					3 x 95 + 50						supply of posts	
230+250	230+250	track 1				ACyABy 3 x 95 + 50		0,80	DIV.INST.BRAȘOV			ELF	supply of posts - under-crossing Racoș

		track 2				MCGI 2 x 4		0,80	C.E. SIGHIȘOARA			water pump supply
230+550	230+550	track 1				ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Racoș
		track 2				3 x 95 + 50		0,80	C.E. SIGHIȘOARA			supply of posts
230+550	230+550	railway line				ACyABy			DIV.INST.BRAȘOV		ELF	parallel to L 6 - Racoș
230+680	230+680					3 x 95 + 50			C.E. SIGHIȘOARA			supply of posts
230+650	230+650	track 1				ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Racoș
		track 2				3 x 95 + 50		0,80	C.E. SIGHIȘOARA			supply of posts
230+680	230+680	railway line				ACyABy			DIV.INST.BRAȘOV		ELF	parallel to L 1 - Racoș
231+150	231+150					3 x 95 + 50			C.E. SIGHIȘOARA			supply of posts
		track 1				ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Racoș
		track 2				3 x 95 + 50		0,80				Interlocking supply
230+950	230+950	track 1				MCGI		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Racoș
		track 2				2 x 4		0,80	C.E. SIGHIȘOARA			water pump supply
RUPEA - CAȚA SECTION												
247+505	247+508	track 1	10	77 → 75	tub beton	ACYABY	0,4 kv	1,50	SDEE BRAȘOV	1960	LES Kv	LES 2 wires - Homorod
		track 2	10	78 → 76				1,50	P.E. RUPEA			parallel to level crossing
CAȚA STATION												
252+801	252+800	c.f.				ACyABy			DIV.INST.BRAȘOV		ELF	parallel to L 1 - Cața
253+851	253+850					4 x 16			C.E. SIGHIȘOARA			outdoor lighting cable
253+829	253+830	track 1				ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Cața
		track 2				4 x 16		0,80	C.E. SIGHIȘOARA			supply of cabin 2
BEIA STATION												
262+795	262+800	c.f.				ACyABy			DIV.INST.BRAȘOV		ELF	parallel to L 1 - Beia
264+250	264+250					3 x 25 + 16			C.E. SIGHIȘOARA			outdoor lighting cable
263+616	263+620	track 1				ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Beia
		track 2				3 x 10		0,80	C.E. SIGHIȘOARA			supply of District L
ARCHITA - MURENI SECTION												
272+792	272+796	track 1	10	3/5 → 1/5		ACYABY	0,4 kv	2,00	S.D. TG. MUREȘ		LES Kv	2 cables
		track 2	10	4/5 → 2/5				2,00	C.D. SIGHIȘOARA			
273+230	273+233	track 1	23	19 → 21		ACYABY	0,4 kv	1,40	S.D. TG. MUREȘ		LES Kv	2 cables
		track 2	23	20 → 22				1,40	C.D. SIGHIȘOARA			5m from the apssage axis /gate keeper's cabin 2
280+775	280+800	railway line				ACyABy			DIV.INST.BRAȘOV		ELF	parallel to L 1 - Mureni
282+086	282+100					3 x 25 + 16			C.E. SIGHIȘOARA			outdoor lighting cable
MURENI STATION												
281+730	281+730	track 1				ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Mureni

		track 2					3 x 35 + 25		0,80	C.E. SIGHIȘOARA			supply for Interlocking
282+041	282+050	track 1					ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Mureni
		track 2					2 x 16		0,80	C.E. SIGHIȘOARA			supply of District L
MURENI - VÂNĂTORI SECTION													
288+321	288+330	railway line					ACyABy			DIV.INST.BRAȘOV		ELF	parallel to L 1 - Vânători
289+691	289+700						4 x 16			C.E. SIGHIȘOARA			outdoor lighting cable
VÂNĂTORI STATION													
288+569	288+580	track 1					ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Vânători
		track 2					3 x 6		0,80	C.E. SIGHIȘOARA			outdoor supply for floor lamps
288+659	288+700	track 1					ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Vânători
		track 2					3 x 10		0,80	C.E. SIGHIȘOARA			supply of cabin 2
VÂNĂTORI - ALBEȘTI SECTION													
291+295	291+300	railway line					ACyABy			DIV.INST.BRAȘOV		ELF	parallel to L 4 - Albești
294+087	294+100						3 x 35 + 25			C.E. SIGHIȘOARA			outdoor lighting cable
292+721	292+724,50	track 1	23	115	113	PVC	ACYYYBI	0,4 kv	2,00	S.D. TG. MUREȘ		LES Kv	
		track 2	23	116	114				2,00	C.D. SIGHIȘOARA			
ALBEȘTI STATION													
		track 1					ACyABy		0,80	C.E. SIGHIȘOARA		ELF	under-crossing
		track 2					3 x 35 + 25		0,80				supply for Interlocking
ALBEȘTI - SIGHIȘOARA SECTION													
296+184	296+185	track 1	14,5	57	55		ACYYB	2 x 0,4 kv		S.D. TG. MUREȘ		LES Kv	1m - cable strip
		track 2	14,5	58	56		AOSB	20 kv		C.D. SIGHIȘOARA			
297+342	297+341			1	3		ACYYB	0,4 kv		S.D. TG. MUREȘ		LES Kv	under the cable - Stadionului Street
				2	4					C.D. SIGHIȘOARA			at 2 - 2,50m depth
SIGHIȘOARA STATION													
297+342	297+341						FIDER PA1	20 kv		S.D. TG. MUREȘ		LES Kv	parallel to track 2 > 5m up to the entry
297+585	297+574	track 2					STOFE	20 kv		C.D. SIGHIȘOARA			under metallic bridge - Târnava river
297+500	297+500	railway line					ACyABy			DIV.INST.BRAȘOV		ELF	parallel to L 2 - Sighișoara
297+900	297+900						4 x 16			C.E. SIGHIȘOARA			supply of poles
297+518	297+507	track 1	11	11/5	9/5		A2YY	20 kv	> 3,00	S.D. TG. MUREȘ		LES Kv	obliquely to the railway line
297+521	297+510	track 2	14	12/5	10/5				> 3,00	C.D. SIGHIȘOARA			cable 20 kv ORAȘ 1
297+585							FIDER PA1	20 kv		S.D. TG. MUREȘ		LES Kv	2 cables - metallic bridge
297+665		track 2				OL	STOFE	20 kv		C.D. SIGHIȘOARA			-under pedestrian sidewalk
						2000	ACYYY	2 x 0,4 kv	4,50	S.D. TG. MUREȘ		LES Kv	3 cables
						/ 1500			4,50	C.D. SIGHIȘOARA			parallel to the water pipe
298+004	298+010	track 1					ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Sighișoara



		track 2				3 x 35 + 25		0,80	C.E. SIGHIȘOARA			supply of posts
298+193	298+200	track 1				ACyABy		0,80	DIV.INST.BRAȘOV		ELF	under-crossing - Sighișoara
		track 2				3 x 35 + 25		0,80	C.E. SIGHIȘOARA			supply of posts
298+470	298+470	track 1				ACyABy		0,80			ELF	under-crossing - Sighișoara
		track 2				3 x 50 + 35		0,80	DIV.INST.BRAȘOV			supply of posts
299+019	299+014	track 1	1	89 → 87	/	ACYy	0,4 kv	0,80	S.D. TG. MUREȘ		LES Kv	
299+017	299+013	track 2	1	88 → 86				0,80	C.D. SIGHIȘOARA			